

# **GIFTToolkit**

Stephan Schupfer

COLLABORATORS

	TITLE : GIFToolkit		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY	Stephan Schupfer	July 31, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>GIFToolkit</b>	<b>1</b>
1.1	GIF Toolkit documentation . . . . .	1
1.2	Introduction . . . . .	1
1.3	Requirements . . . . .	2
1.4	Registration . . . . .	2
1.5	Support . . . . .	3
1.6	Installation . . . . .	4
1.7	Usage . . . . .	4
1.8	CLI start . . . . .	4
1.9	Workbench start . . . . .	5
1.10	Single Picture . . . . .	5
1.11	Animation . . . . .	6
1.12	Optimization methods . . . . .	7
1.13	Edit Frame . . . . .	7
1.14	Edit Global . . . . .	8
1.15	The Menu . . . . .	9
1.16	General informations . . . . .	9
1.17	Known bugs . . . . .	10
1.18	FAQ . . . . .	10
1.19	Tips & Tricks . . . . .	11
1.20	Copyright . . . . .	11
1.21	Bugreports . . . . .	12
1.22	Thanks . . . . .	13
1.23	The author . . . . .	13
1.24	About MUI . . . . .	14
1.25	History . . . . .	15
1.26	Future . . . . .	16

---

# Chapter 1

## GIFToolkit

### 1.1 GIF Toolkit documentation

GIF-Toolkit  
Version 1.5.3

A program to generate GIF v.89a files

© Copyright 1996 Stephan Schupfer

Introduction	- Why did I make this?
Requirements	- What you need to use GIF-Toolkit
Registration	- How to get registered
Support	- Where to get GIF-Toolkit
Installation	- How to install GIF-Toolkit
Usage	- How to use GIF-Toolkit
General	- General informations
Bugs	- Known Bugs
FAQ	- Frequently Asked Questions
Tips & Tricks	- Useful Tips
Copyright	- Disclaimer
Bugreports	- How to report Bugs
Credits	- The author wishes to thank ...
The author	- About the Author
MUI	- About MUI
History	- History of GIF-Toolkit
Future	- Future of GIF-Toolkit

### 1.2 Introduction

Introduction  
-----

I made this program because there was no similar one for Amiga computers

---

before. There are some similar programs for other platforms.  
I made this program not for just view GIF v.89a files. Mainly i made it to alter all the parameters you have in GIF v.89a files and especially to create GIF v.89a animations.

As i'm also programming WWW-pages, GIF- and especially GIF v.89a files had become more and more important to my work. There was only one solution (Ibrowse) to view animated GIF files on the Amiga (as far as i know) and just a few text oriented programs to create them.

GIF-Toolkit is totally programmed in C, and is my third MUI programm !

Why MUI ?

-----

MUI makes me able to program complex programs with easy to use GUI in a short time. As i have done some programmes for the Amiga before, i know how time consuming programming a good GUI can be.

## 1.3 Requirements

Requirements

-----

You need:

- MUI (i don't know which version is at least needed, but why not using always the latest ?? Programmed under Version 3.6)
- Enough RAM (especially for big pictures or long animations)

GIF-Toolkit currently supports Standard Amiga Bitmaps and CyberGraphX 8-Bit Bitmaps. The Standard Amiga Bitmaps should make GIF-Toolkit usable on all different screenformats like OCS,ECS,AGA and graphicsboards.

My System (GIF-Toolkit runs on it):

Computer: Amiga 2000 (1 MB Chip RAM, OS 3.1)  
Expansions: A2060 (68060/50MHz with 32MB 32-Bit RAM and Quantum Lightning 730S  
A2091 (mit 2MB FastRAM) and Quantum LPS240S  
Picasso II with CyberGraphX WB emulation  
Multiface III

## 1.4 Registration

Registration

-----

GIF-Toolkit is SHAREWARE. To ease your decision wheather to pay the unregistered version has some limitiations:

- File saving is not supported.
  - A Requester is shown on startup.
-

The shareware fee can be found in supplied orderform.

I currently offer a cheaper registration for users which decide to get registered fast. (use fastorder) This offer is ONLY VALID UNTIL 31.DECEMBER 1996. Fastorders which are sent off after 31.December 1996 will NOT be handled ! After 31.December 1996 please use the normal orderform !

Please take attention that the shareware fee may change, so take a look at the recent version of GIF-Toolkit on AMINET.

Registered users receive a personal keyfile, which enables the missing functions. This keyfile will work with all future versions of GIF-Toolkit, so as a registered user you can always download the most recent freely distributable version.

How to become a registered user ?

The simple way is to fill in the file "OrderForm", to print it out, sign it (in this order, if possible), put it in an envelope together with the registration fee and send it to me. I won't accept order forms which are not signed.

The keyfile will be sent to you either uuencoded via EMail (prefered) or on floppy disk (as you like it).

! Please take attention that registrations, where the shareware fee is include in my ! cash, can be handled very fast. Registrations with check or money-transfer to my ! account will take some time to validate. !

## 1.5 Support

Support  
-----

GIF-Toolkit is not on AMINET. Because of the unclear legal situation of the GIF format. :-(  
If you want to protest against this, please contact Urban Mueller <umueeller@wuarchive.wustl.edu>.

Therefore i've created a WWW-Hompage for GIF-Toolkit which will be found at :

<http://www.sbox.tu-graz.ac.at/home/schupfer/GIF-Toolkit/>

You will also find catalog files for other languages on this page.

I'm still trying to put it on AMINET.

---

## 1.6 Installation

Installation  
-----

Installation couldn't be easier: Use the supplied install script !

It can be possible, that catalog-files for languages other than german or english are not created for the latest version, because they are made from various translators, who are of course a bit behind the development.

Please take a look at the GIF-Toolkit Homepage, maybe you can find the newest version of catalog-files there.

## 1.7 Usage

Usage  
-----

Programstart

CLI  
Workbench

I have used the 'MUI Bubble Help' feature. You will get help to almost any feature of the program. The GUI is useable with the mouse and also with just keyboard inputs.

GIF-Toolkit also supports online help if the GIFToolkit.guide is in the current PROGDIR:. This help is available via HELP key on the keyboard or the similar menuentry.

After starting GIF-Toolkit you will see a Window with three buttons and a menu.

Single Picture  
Animation  
The Menu

## 1.8 CLI start

CLI start  
-----

GIFToolkit [HELP/S,CGRAPHX8/S]

- HELP            Displays a helptext.
- CGRAPHX8      If you use GIFToolkit on a 8 bit CyberGraphX Screen, you can enable some faster display-routines (chunky) with this option.

## 1.9 Workbench start

Workbench start

Following Tooltypes are supported:

- CYBERGRAPHX8 If you use GIFToolkit on a 8 bit CyberGraphX Screen, you can enable some faster display-routines (chunky) with this option.

## 1.10 Single Picture

Single Picture

This Window is especially for editing single picture GIF files. You can of course load GIF v.89a multiframe files but you get warned and won't be able to save them. You will also only see the first frame.

You can load or save a picture or cancel to the main menu or edit the picture parameters.

While saving a picture you can select between IFF and GIF format. The loading of this formats is autodetectet and all formats with a supporting datatype can be loaded.

In the edit-window you can change following parameters:

- Comment You can enter a comment here, thsi text is added to the saved GIF file as a comment. (e.g. Copyright notice)
- Transparent Choose whether a color of the image should have a transparent color or not.
- Interlace Choose whether the file should be saved interlaced or not.
- Local Colormap Choose wheater the local colormap of the frame should be used or not. This checkmark can only be used if a local colormap of the frame is present. This option makes not much sense, because single picture GIFs shouöld use the global colormap. Otherwise the global colormap which must be present is obsolete.
- Transparent Color If transparent is selected you can choose here the color which should be transparent.
- Background Color You can change here the color of the Background. Most WWW- ↵  
browser  
replace this color with the backgorund color of the document ↵  
where  
the picture is located.

## 1.11 Animation

Animation

-----

This Window is especially for editing GIF v.89a multiframe files. You can of course load GIF v.89a single picture files but you get warned, because some parameters make no sense with single picture files.

You can load or save a animation or just cancel to the main menu. You are able to load both GIF v.89a animations and IFF-Animations.

The Frames Listview:

-----

Every frame of the animation has its own entry in the listview. Every listview entry displays all parameters of a frame. The columns are:

Name: Just a entry for the user to determine the entry in the listview.  
The name must not be unique !  
If the frame is a plaintext extension you will see the name changed.  
Size: The size of the frame. Can be different from the size of the animation  
Pos: The position of the frame relative to the size of the animation.  
Delay: The time a frame is displayed in 1/100 of a second.  
Dispose: What should happen after displaying the frame  
Transp.: Indicates if the frame has a transparent color or not.  
Interl.: Wheather the frame should be saved interlace or not.  
CMAP: Wheather the local colormap is used or not.  
Sort: Wheather the local colormap is sorted or not.

You can sort the framelist by just drag & drop a frame. A frame can be editied by just simple double-click the desired frame. The framelist is multiselectable.

Plaintext extensions can't be created or edited in this version.

The Buttons:

-----

Add Frame: You can add one or more frames. The frames will be added at the end of the framelist.  
You can load every picture you have a datatype for - up to 8-bit (autodetected). You can add single pictures or a animations.  
Remove Frame: The selected entry of the framelist will be deleted.  
Copy Frame: The selected entry of the framelist will be copied and added to the ←  
end  
of the framelist..  
Edit Frame: The same as double clicking a entry in the framelist. You can edit the active entry of the framelist. A new window will be opened ←  
.  
For details see the part about the edit window.  
Edit Global: You can edit the global animation parameters. This parameters are ←  
valid  
for all frames in the framelist. A new window will be opened.  
Details see below.

Show: Opens a window, where the animation is displayed.

Optimize: Some animations are very memory consuming or just not perfect. You can optimize some animations to be less memory consuming. Please take attention that the contents of the frames will be altered so take care that the animation is saved first. Not every optimization method is the best for the current animation ↵

.  
It is possible that a optimization method will result a worse ↵ animation.

Following methods are available.

The view window:

-----

The view window is only displayed if a frame is in the framelist. The view window displays the animation and allows you to play or singlestep the animation. If the view window is closed you can reopen it by selecting a entry in the framelist.

The animation will be played as often as defined in the loops. If no loops are defined the animation is only played once. Please remember that a number of loops defined 0 means infinite loops.

## 1.12 Optimization methods

Optimize methods

-----

Fix Size: The size of the animation is always as big as the biggest frame, ↵  
but  
if you have removed the biggest frame, the size is not ↵  
automatically  
changed. You can fix the size to be as big as the biggest frame by  
using this method.

Expand: Each frame gets the size of the animation and the content of the ↵  
animation  
at displaytime.  
A animation optimized with this method will look optimal on IBrowse ↵  
v1.02,  
but the filesize of the saved GIF-file is the maximum.

Method 1: Tries to optimize the animation, that the content of each frame is ↵  
only  
these pixels which have changed from the frame before.

## 1.13 Edit Frame

Edit Frame

-----

---

This window looks different whether you want to edit a single frame or have multiselected a couple of frames. The settings are the same, but if you edit a couple of frames, you can select which settings should be changed for all selected frames. The default settings depend on the active entry of the list or if no active entry exists on the first frame of the list.

The single frame can be saved as IFF or GIF picture. If you have selected more than one frame the Frames are saved as a serie of single pictures. A number is added to the filename.

**Position:** You can change the position of the frame in the animation.  
The position must be (0,0) if the frame is as big as the animation.  
In that case the position can not be changed.

**Disposal Method:** GIF v.89a currently defines 4 different disposal methods. This methods describe what should happen after displaying the frame.

- Undefined: No disposal specified. The decoder is required to take any action.
- Do not dispose: The graphic is to be left in place.
- Restore to background: The area used by the graphic must be restored to the background color
- Restore to previous: The decoder is required to restore the area overwritten by the graphic with what was there prior to rendering the graphic.

Currently Restore to previous is not implemented. This is not a big problem as this feature is not supported by most WWW-Browsers too. But i'm working on implementing this feature in the future.

**Delay Time:** Set the time the frame is displayed in 1/100 of a second. After this time the next frame will be displayed.

**Misc:** You can set the 'Transparent', 'Interlace' and 'Local Colormap' Flag.  
The 'Local Colormap' Flag can just be used if the frame has a local colormap.

**Transparent Color:** Here you can select the color which should be displayed transparent.  
A new window will open, which shows you the current colormap of the frame.

## 1.14 Edit Global

Edit Global  
-----

---

Comment: You can enter a comment which is added to the GIF v.89a file. (e.g. a ↵  
copyright  
notice)

Width, Height: You can change the width and height of the animation, but only in a  
limited space. The size can never be smaler than the one of the ↵  
smallest  
frame ( the offsets are also checked ).  
The maximum size is limeted to 2000x2000 pixels.

Depth: Is only displayed for user information. This parameter can not be changed ↵  
.

Background Color: Select the color which should be used for background.  
Most WWW-Browsers replace this color with the color of the page,  
where the graphic is displayed.

Netscape Loop: You can select if a Netscape Loop extension is added to the file.  
In conjunction with that you can change the number of loops.  
Zero means infinit loops.

## 1.15 The Menu

The Menu  
-----

The menu is only reachable in the main window.

Following menu entries are available :

Project

- About... Opens a requester with some copyright and version information.
- About MUI... Opens the MUI About Window.
- Help... Opens a Window with the GIFToolkit.guide if present.
- Iconify Iconifies the programm.
- Quit Quits the program.

Settings

- MUI Settings... Opens a Window to alter the MUI Settings for GIF-Toolkit.

## 1.16 General informations

General informations about GIF-Toolkit  
-----

- GIF v.89a :

At this time GIF-Toolkit supports all features, except the disposal method  
'dispose to previous'.

It is to mention, that GIF-Tolkit supports only one comment extension.  
I've made this limit, because it makes no sense to me to support more than

---

one, which only increases the filesize. In my opinion the 255 characters are enough for a text which isn't displayed with the most programs. More comment extension are only needed, if you want to add more than 255 characters.

The support for the plaintext-extension is in a very early state, because i have only one picture which supports this format (and even this pictures doesn't handle this format correctly as i interpret the specifications). If you have access to pictures with this extension, please send them to me to improve the support.

- Datatypes

Picture loading (except GIF) is done via datatypes. As the GIF-format supports only pictures up to 8-bit, you can only load pictures up to 8-bit.

- IFF-ANIM

Currently supported formats are: ANIM2,ANIM3,ANIM5,ANIM7 und ANIM8  
More formats will be supported if i think there is a demand and i have some testfiles for this format.

- BitMaps

Because GIF-Toolkit manipulates the data of the Bitmap directly, and the bitmap formats of OCS,ECS,AGA or graphicboards differ, the display routine uses now standard Bitmaps.

The only alternative is currently the 8-Bit CyberGraphX format, which can be enabled via tooltypes and speeds up the display on such screens.

GIF-Toolkit-versions less than 1.2.1 crashed on some machines, because i work internally with 8 bit bitplanes, which are often blitted (using

`BltBitMapRastPort`)

into a screen with less than 8 bit. For a fast fix i remove now the redundant planes, which causes sometimes bad results but it works ! For future versions i will of course work on a colortrue planereducing. At the moment using GIF-Toolkit on 8 bit screens is the best. ;-)

## 1.17 Known bugs

Known bugs

- As i have troubles with some other MUI programs i have written there may be GURU's because of the stacksize.  
If you get some of these GURU's please increase the stacksize !  
Currently i have not noticed this problems with GIFToolkit.

## 1.18 FAQ

---

## Frequently Asked Questions

-----

- Why aren't my animations in my favourite WWW browser viewed the same as with IF-Toolkit ?

GIF-Toolkit supports (almost) all features of the GIF v.89a format as defined ↔  
in  
the specifications.

WWW browser do not support all of this features, or interpret some of features  
different to the specifications (e.g. background color). Even Netscape (v3.0) ↔  
does not

support all features of GIF v.89a !! I think about implementing special ↔  
optimization  
methods for some browsers.

## 1.19 Tips & Tricks

### Tips & Tricks

-----

Here are a few tips for using GIF-Toolkit and for creating GIF animations

- Try to use as less colors as possible for a Picture
- Try to use only one colormap (the global one) for animations.
- Try to optimize your animation with GIF-Toolkit
- If you have removed the biggest frame of a animation try to fix the size.
- Not all WWW-browser support all features of GIF v.89a. It is possible to change every picture to look the same on most browsers.
- Looping IFF-ANIM need to have the last two frames to be identical to the first two. Using them with GIF-Toolkit, this two frames are obsolete - delete them.

## 1.20 Copyright

### Copyright

-----

The program "GIFToolkit" supporting documentation and included files are  
Copyright ©1996 by Stephan Schupfer.

### DISTRIBUTION

The distribution of the programs is free as long as following rules are  
repected:

---

- All associated files included with the distribution archive are to remain intact and unaltered.
- The package is always distributed in its complete form.
- No profit must be made by distributing GIF-Toolkit, especially the price of a floppy disk containing GIF-Toolkit may not exceed US\$ 5,- (or equivalent amounts in other currencies).
- It is free to distribute GIF-Toolkit over bulletin board systems and networks.
- disc-magazines, service providers and all other publishers who want to include the GIF-Toolkit program on their disks, CD-ROMS or other media, need to have my permission in case of a commercial distribution.
- Commercial use of GIF-Toolkit is forbidden unless permission is granted by S.Schupfer. Contact me at: schupfer@sbox.tu-graz.ac.at

All rights for commercial use remain at the author.

#### DISCLAIMER

The keyfile that registered users will receive, must only be installed on one computer and in no case passed on to others. Offences will result in penal prosecution by me. With your signature on the order form, you accept these conditions.

The program is presented to the users as it is, without any warranty of any kind, be it expressed or implicit. Anyone using this programs agrees to incur the risk of using it for himself. In no way can the author be made responsible for any damage directly or indirectly caused by the use or misuse of the program.

The Graphics Interchange Format (c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CoimpuServe Incorporated.

The above Statement doesn't mean anything more than what is specified in the GRAPHICS INTERCHANGE FORMAT v.89a specifications.

MUI is Copyright @ Stefan Stuntz

Names of other hardware and software items mentioned in this manual and in program texts are in most cases registered trade marks of the respective companies and not marked as such. So the lack of such a note may not be used as an indication that these names are free.

## 1.21 Bugreports

### Bugreports

-----

If you find a bug or a misfeature in GIF-Toolkit, or have an idea how to make things better, then please drop me a note so I'll be able

to improve GIF-Toolkit in the future.  
My address can be found here.

Important for a bug report is the following information:

- Version of GIF-Toolkit (can be found by doing "version GIFToolkit" from Shell)
- Used Amiga configuration ( e.g. 68030,...,2MB Chip,.., OS 3.0,...)
- Used graphicsmode of the Workbench (e.g. ECS 4 Bit, .., CyberGraphX 8 Bit, ..)
- Information about installed startup programs on the Amiga
- Detailed decription what picture or command produces the bug and how it can be reproduced.

If you have any problems using a partikular picture , please add this picture to your bugreport.

But first please look, if it's a known bug.

## 1.22 Thanks

Credits

-----

I would like to thank

- Stefan Stuntz <stuntz@sasg.com>  
for MUI, a powerful and easy to program GUI.
- John Barkaus <john@cooper.cooper.edu>  
his document about GIF and LZW.
- CompuServe  
for the document about GIF Version 89a
- SPARTA Inc. & Wolfgang Hofer  
for their document about the IFF-ANIM format.
- Marcin Orlowski <carlos@inet.com.pl>  
for his very good bugreports and new ideas.

Translators:

The german and english texts are created by the author.

- french: Jerome Chesnot <jchesnot@pratique.fr>  
Olivier Etienne <lotus@nucleus.fr>
- polish: Marcin Orlowski <carlos@inet.com.pl>
- slovenian: Jernej Recjak <vid.pecjak@guest.arnes.si>
- spanish: Pedro Luis Mieza <multitaskers@redestb.es>
- swedish: Lars Renström <d92-lrm@sm.luth.se>
- dutch: Ivo Kroone <amiga@pimpernel.nl>
- italian: Francesco Mancuso <mcfrank@mediatel.it>
- norwegian: JT Eliassen <jtelia@icenet.no>

## 1.23 The author

The author  
-----

Software development is a way to keep the Amiga alive !

My address is:

Stephan Schupfer  
Brockmannngasse 69  
8010 Graz  
Austria  
Europe

Email:  
schupfer@sbox.tu-graz.ac.at

WWW:  
<http://www.sbox.tu-graz.ac.at/home/schupfer/>

Questions, criticism, suggestions and bugreports are always welcome.

## 1.24 About MUI

This application uses

MUI - MagicUserInterface

(c) Copyright 1993-96 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With the aid of a preferences program, the user of an application has the ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing lots of examples and more information about registration please look for a file called "muiXXusr.lha" (XX means the latest version number) on your local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 30.- or US\$ 20.-

to

Stefan Stuntz  
Eduard-Spranger-Straße 7  
80935 München  
GERMANY

Support and online registration is available at

<http://www.sasg.com/>

## 1.25 History

History

-----

- V1.0      04.11.96
    - first public release
  - V1.1      11.11.96
    - fixed bug in loadGIF (depth)
    - fixed bug in saveGIF (depth)
    - fixed bug while sorting the list.
    - Fastorder now till 31.December 1996
  - V1.2      17.11.96
    - GIF v.89a plaintext extension is supported
    - Save IFF pictures
    - Load IFF pictures
    - Hopefully fixed a bug with AGA-screens (some screens were identified wrong as CyberGraphX screens)
    - New tooltype CYBERGRAPHX8
  - V1.2.1    19.11.96
    - Filerequester should now open on the correct screen.
    - Playing the animation is only possible if more than one frame exists.
    - Comment-string disabled if no pictures is loaded.
    - The animation is played according the number of loops defined.
    - Num-Buttons are disabled if there is nothing to input.
    - !!! Fixed a major bug : no more crash on screen less than 8 bits!  
(works now, but not as i want it ! - see General)
  - V1.2.2    20.11.96
    - fixed a bug with 'restore to previous'.
    - added autodetection of the loading fileformat (GIF or IFF).
    - added new function 'copy frame'.
  - V1.2.3    22.11.96
    - The register is now useable with keyboard.
    - Some ASL mistakes corrected.
    - Some mistakes with sleeping windows corrected.
    - Numeric button shows now infinte for 0 loops.
    - Multiple selection of the framelist enabled.
    - New function 'Show'. The show window isn't opened by default anymore.
  - V1.3      26.11.96
    - fixed a bug while adding a animation.
    - loading of IFF-ANIMs implemented.
    - fixed a bug while loading uncompressed IFF pictures.
    - new buttons 'select all' and 'select none'
  - V1.3.1    28.11.96
    - Code cleanup (CopyMem, redundant stuff,...)
    - New NumButtons: Change the size of the animation (global).
  - V1.4      29.11.96
    - New: Italian installskript from Francesco Mancuso <mcfrank@mediatel.it>
    - New: load Pictures via Datatypes - up to 8-Bit (old IFF-loading removed)
  - V1.4.1    30.11.96
    - No change at multiedit is recognized.
-

- New: Save the selected frames as serie of single pictures.
  - New: The ASL-Filerequester at 'Add frame' allows multiselection.
  - 'fix size' moved to optimization methods.
  - New optimization method: 'expand'
  - New requester to confirm deleting.
  - Replaced the register in single-picture with a new window.
- V1.4.2 3.12.96
- Fixed a bug in 'Load Datatype'.
- V1.4.3 5.12.96
- improved support for keyboard-usage (hotkeys).
  - fixed a bug from versions 1.4.1 and 1.4.2 (edit a frame).
  - fixed a bug while saving delays > 255.
  - Quicker update of the listview because of temporary switch off.
- V1.5 7.12.96
- New: Dispose to previous method.
  - New display routine (should be faster and better).
  - fixed a bug while editing multiple frames - editing was not possible when no active entry exists.
- V1.5.1 17.12.96
- fixed a bug in english helptext (select none).
  - fixed a bug with the default settings while choosing a backg. color.
  - fixed a bug while saving the imagesize.
  - fixed the color-mistakes of the new displayroutine of v1.5.
  - New kind of remapping in the displayroutine.
- V1.5.2 18.12.96
- Some code cleanup
  - New: GIFViewer: a commandline,non-MUI GIF-Viewer for registered users.
- V1.5.3 9.1.97
- New: Pick transparent color from image.
  - New: Show RGB-values while choosing a background or transparent color.

## 1.26 Future

Future

-----

I will contionue work on this product and support it where I have the time, and would therefore appreciate any bug-reports, ideas, gifts, etc.

The main goal is at the moment to fix all bugs.

i think about of implementing next:

- Load and Save Colormaps.
- More and better optimize methods.
- Save anims with IFF-ANIM format.
- Support for more languages.