# Accessing Training Emails in Galaincha

You can access the weekly training emails that were sent to you during your first learning phase inside Galaincha by going to Help > Weekly Training Emails

Tip : You can dock the email on one side and Galaincha on the other to easily follow the tutorial.

# Galaincha for Tufted Rugs

**SIZE AND RESOLUTION**

* Always set the resolution first while working on design in Galaincha. For tufted rugs, it is recommended to set the same resolution value for width and height.
* As for the standard resolution, 10/10 knots per inch is appropriate but for the higher quality, resolution can be set not exceeding 20/20 knots per inch.
* Go to Image->Resize and set the proper size and resolution.
* Depending upon on the tufting density, the typical values are as follows:  
  Low density: 6 knots/lines per inch  
  Medium: 8 knots/lines per inch  
  High: 10 knots/lines per inch
* For Tufted designs, size of carpet is more significant than the resolution.

**VISUALIZATION AND TEXTURE**

* For assigning tufted texture on the CarpeTools->Visualization window, select the Custom texture and assign Tufted texture.

**or**

* If additional tufted texture is needed, you need to send us a good-quality, upright photograph of a plain rug woven in your desired textures, with a visible carpet area of at least 2 ft. x 2 ft. Please follow the tutorial link given below that suggest what to follow for requesting custom texture:  
  [https://galaincha.com.np/help/CustomTexture/](https://galaincha.com.np/help/CustomTexture/?uid=6uvE9CXy_rQRTqKrNPPrfYhN6WBtf+iWmwiMcCklOLQ=)

**GRAPH**

* For printing graph for tufted carpets, always select the option **Print Outlines**in File->Print Graph.

**MATERIAL ESTIMATE**

CarpeTools->Material Estimate is applicable for handtufted carpets as well. The 'Area' and 'Consumption on Rug' column can be referred. Depending on the yarn type, you can also set the weight per square meter and wastage per square meter for estimation.

# Galaincha Tutorial: Saving files in Galaincha

**How to save your files in Galaincha:**

* Go to the File menu and select any of the **Save** (Shortcut **CTRL+S**) to save the file and to save the additional changes made in design.
* Go to the File menu **Save As… (Shortcut CTRL+SHIFT+S)**option to save an existing file to a new place with the identical or another file name.

**Understanding different file formats available in Galaincha:**

Galaincha can open different file formats. When saving a design, Galaincha tries to save it in the same format it was opened in.

When creating a new design, if the design is a single layer design, with no carpet specific information, it is saved in PNG format. If it has multiple layers or carpet specific information (such as visualization options, carving etc.), it is saved in CTFX format.

**CTFX** is Galaincha’s proprietary format and saves information about all Galaincha features such as layers, texture information, color information etc. Files saved in .ctfx can only be opened in Galaincha software.

The **CTF** file format is also specific to Galaincha. This is usually used when uploading designs to exploRUG. CTF retains information about all Galaincha features, except layers. All layers are flattened before saving to CTF format. In addition, this format adds an extra layer of security as it can be opened only with the Galaincha account that it was saved with or accounts associated with that account. For example, your manufacturer’s Galaincha may be associated with yours so you can share the CTF file. It cannot be opened by any other Galaincha account.

When you need flat design only, use the **PNG** file format. **GIF**, **BMP**, **TIFF**, **TGA** and **PCX** are also similar, but use them only if you need the designs in these specific formats.  For example, the **Indexed Bitmap** format is for compatibility with specific carpet weaving machines, so if you intend to load the design in one of these machines, save in the Indexed Bitmap format.

**JPEGs** are for saving photographic images. In Galaincha, you can save visualizations and photorealistic renderings in JPEG format as they will have the smallest size in this format. However, do not save your designs in JPEG format as this will add a lot of unnecessary colors to your design and you will have to clean the design every time you open it.

# Installing Microsoft Edge Web Browser

To get started, head to the Microsoft Edge download page at [**https://www.microsoft.com/en-us/edge**](https://www.microsoft.com/en-us/edge)

1. Click on the **DOWNLOAD EDGE**  button which will result in automatic scrolling to the bottom of the page.
2. You will get the dropdown where you need to choose your current version of the Windows you are running on.
3. Once you have chosen your current operating system, you will be greeted by a pop-up box showing you the Microsoft Software License Terms. You need to click on **Accept and download** button to download the setup file.
4. Once you run the **MicrosoftEdgeSetup.exe**, you will get the welcome screen. You can click on **Continue without importing** button.  Or you can click on the **More import options**and choose Microsoft Internet Explorer if you want to import your favorites, saved passwords, settings, and addresses.
5. Next, you will get configure your new tabs option window. You can choose anyone for now as you can change the layout later from settings. Continue the process further and click **Confirm** button to finish the installation. The new Microsoft Edge browser will start automatically once the process is completed.

# Installing Windows 10 on your Mac

You can install Windows 10 on your Mac either by using Apple BootCamp or Parallels.

Before you start installing Windows,  we **recommend** you to watch the short yet comprehensive video on "**How to install Windows 10 on Mac for FREE: Step-by-Step Guide**" from <https://www.youtube.com/watch?v=4seoZzDsit0>. It will help you to learn the process.

Using built-in Boot Camp Assistant for easy installation of Windows 10

Installing Windows 10 using Boot Camp Assistant is simple as it will automatically download and install the required drivers and software. In Finder, open *Applications → Utilities → Boot Camp Assistant*. Boot Camp application will guide you through the installation process.

After the installation process is completed, your Mac will restart automatically and you will be taken to the Windows 10 setup Wizard process. Select a language you want to use and press the *Next* button.

When asked for the product key, you can click on "*I don't have a product key*" text to continue the installation. You can use Windows 10 for the next 30 days without any limitations or enter the key later.

Windows will now copy all of the necessary files and begin the installation process. You will soon have Windows 10 running on your Mac to use.

Using Parallels Desktop to install Windows 10

You just need to download Parallels Desktop to install Windows on your Mac and does not require you to purchase Windows 10 beforehand. As Parallels share your system’s resources, you might experience sluggish performance.

**Downloading and installing Parallels to you Mac:** For now, you can download the full-featured 14 days trial of Parallels and then install to your Mac. Later on, you can subscribe to it if you want to continue using it.  To download Parallels, please visit the site below and click on the "*Download Free Trial***"**button from <https://www.parallels.com/products/desktop/trial/>. 

When you first launch Parallels Desktop 15 on a Mac, it will detect that you have no virtual machines and will automatically offer to download and install Windows 10 for you.

Once you click "*Install Windows*," there is basically nothing else for you to do.

After Windows 10 download is complete, it will automatically begin the installation of Windows 10.  
Once the installation process is complete, you will be notified about it.  
  
You will soon have Windows 10 running on your Mac to use.

Cost

As Boot Camp is a native inbuilt feature of the Mac OS X operating system, it is FREE. While you need to purchase a copy of the Windows operating system or have to subscribe yearly for Parallels Desktop if you are using it.

**Windows 10 product key:** If you have the product key from your earlier version of Windows you can enter it to activate it. You can purchase a genuine license of Windows 10 from Microsoft website: <https://www.microsoft.com/en-us/store/b/windows?icid=CNavSoftwareWindows&activetab=tab%3ashopwindows10>. Or, can buy the License Key of Windows 10 at little from [ebay.com](https://www.ebay.com/b/Operating-System-Software/11226/bn_712713).

**Parallels:** After the trial of Parallels has expired, you will no longer be able to access Windows or files in them.  You can purchase a license of Parallels from <https://www.parallels.com/products/desktop/buy/?full>.

Additional instruction

**Downloading the Windows 10 ISO file**

You can grab a Windows 10 ISO file from the Microsoft website and can download it straight to your internal hard drive.

1. To start, please navigate to the Microsoft Windows 10 ISO download page below:  
   <https://www.microsoft.com/en-us/software-download/windows10ISO>
2. From the dropdown menu, select edition **Windows 10 in the May 2019 Update** and click **Confirm** button. Anytime, you can download the update through Windows once it is installed.
3. Select the product **language** of your choice and click **Confirm** button.
4. Click the **64-bit Download** button. Click the **Save** button to download the ISO file.

# Galaincha Help Document

You can download Galaincha help document from within Galaincha software by going to Help > Help Topics... (Shortcut F1)

Doing this for the first time will download the latest Help File.

After the download is complete, the help file will be displayed.

# Galaincha Shortcuts List

**Shortcut Keys for Working with Image**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Create New File | Control + N |
| Open File | Control + O |
| Close File | Control + W |
| Close All | Control + Shift + W |
| Save File | Control + S |
| Save As | Control + Shift + S |
| Print Design | Control + Alt + P |
| Print Graph | Control +P |
| Image Resize | Control +R |
| Canvas Resize | Control + Shift + R |
| Crop Selection | Control + Shift + X |
| Rotate 90 Clockwise | Control + H |
| Rotate 90 Counter Clockwise | Control + G |
| Rotate 180 | Control + J |

**Keys for Viewing Image**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Cycle Forward Through Documents | Control + Tab |
| Cycle Backward Through Documents | Control + Shift + Tab |
| Zoom to Window | Control + B |
| Actual Size (100%) | Control + Shift + A |
| Zoom In/Out | Control + + / - |
| Zoom to Selection | Control + Shift + B |
| Switch to Hand Tool (When Not in Text-Edit Mode) | Spacebar |
| Scroll Up Or Down 1 Screen | Page Up or PageDown |
| Scroll Left Or Right 1 Screen | Shift + Page Up or Page Down |
| Show Image List | Control + Q |

**Keys for Selecting and Editing**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Undo | Control + Z |
| Redo | Control + Y |
| Cut Selection | Control + X |
| Copy Selection | Control + C |
| Copy Merge | Control + Shift + C |
| Paste | Control + V |
| Erase Selection | Del |
| Fill Selection | Backspace |
| Invert Selection | Control + I |
| Select All | Control + A |
| Select Layer Elements | Control + Shift + L |
| Deselect | Control + D |
| Add to Selection | Control + Left Click |
| Subtract from Selection | Right Click |
| Exclude Overlapping from Selection | Control + Right Click |
| Constrain Marquee to Square or Circle (If other selection are not active) | Shift + Drag |
| Select Area of Similar Color (Magic wand tool only) | Shift + Left Click |
| Invert Area by Similar Color (Magic wand tool only) | Control + Shift + Left Click |

**Keys for Using Brush Tool**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Increase/decrease Brush Width | [  / ] |
| Increase/decrease Brush width in 5 Increments | Control + [ / ] |

**Keys for Using Layer Palette**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Add New Layer | Control + Shift + N |
| Display layer properties | Double-click Layer |
| Merge Layer | Control + M |
| Flatten Layer | Control + Shift + F |
| Delete Current Layer | Control + Shift +Del |
| Duplicate Current Layer | Control + Shift + D |

**Keys for Using Color**

|  |  |  |  |
| --- | --- | --- | --- |
| **Result** | **Key** | | |
| Select Current Color as Primary / Secondary  (Color Picker tool only) | Left or Right Click Color | | |
| Swap Primary and Secondary Color | X | | |
| Map to current color set | Control + Shift + M | | |
| Create Color Combination | Control + Alt + C | | |
| Invert Colors | Control + Shift + I | | |
| Pick Color from design in canvas | 9 | | |
| Select the Color from Quick Colors from rows 1, 2 and 3  A colorful squares with black edges  AI-generated content may be incorrect. | **Row 1** | **Row 2** | **Row 3** |
| 1 | 11 | 111 |
| 2 | 22 | 222 |
| 3 | 33 | 333 |
| 4 | 44 | 444 |
| 5 | 55 | 555 |
| 6 | 66 | 666 |

**Keys for CarpeTools**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Art to Graph | Control + Alt + G |
| WizCraft | Control + Alt + H |
| Refine | Control + Alt + R |
| Visualization | Control + Alt + V |
| Room View | F5 |
| Strike off | Control + Alt + S |
| Material Estimate | Control + Alt + M |

**Keys for Tools**

|  |  |
| --- | --- |
| **Result** | **Key** |
| Rectangle, Ellipse, Lasso, Magic wand, Border Select | S |
| Move selected pixel, Move selection | M |
| Zoom | Z |
| Pan | H |
| Color Picker | I |
| Paint Bucket, Outline | F |
| Paint Brush | B |
| Eraser | E |
| Pencil | P |
| Selective Color | R |
| Text | T |
| Gradient | G |
| Border, Rectangle, Line/Curve, Ellipse, Free form shape | O |

# How to count the number of knots and lines in Tibetan/Nepali Hand-knotted carpets?

View the back side of a carpet to see grid/knots in it.

**Knot Count:**

Take a ruler and set it Horizontally on the back side of the carpet.

Start to count the knots horizontally from 0 cm to 10 cm.

In the carpet shown below, we found 44 knots in 10 cm.

**Setting up resolution:**

**In 10 cm, there are 44 Knots**

**So, 1 cm has 4.4 knots (i.e. 4.4 knots/cm)**

Note: Always count Horizontally for knots.

**Lines Count**

Take a ruler and set it Vertically on the back side of the carpet.

Start to count the lines vertically from 0 cm to 10 cm.

In the carpet shown below, we found 32 lines in 10 cm.

**Setting up resolution**

**In 10 cm, there are 32 Lines**

**So, 1 cm  has 3.2 lines (i.e. 3.2 lines/cm)**

Note: Always count in Vertically for lines

Hence, in given carpet, the number of the knots and lines are:

Knots: 4.4/cm

Lines: 3.2/cm

**Setting up Resolution in Galaincha**

Go to Image->Resize (Ctrl+R)

In the Resolution field, set the knot and lines per cm values

You can the change the size as per your requirement.

***Note: Resolution of the carpet depends on the quality of the carpet.***

# Can I run Galaincha on Mac?

Galaincha can run in Mac, but not natively. Since Galaincha requires the .NET Framework and Microsoft Edge browser to run, you will need to run Windows in the Mac and run Galaincha on top of it.

This can be done by installing [Parallels](http://www.parallels.com/) in the Mac.

If your Mac has an Intel processor and the Leopard Operating System, [Boot Camp](https://www.apple.com/support/bootcamp/) (built in) supports installing and running Windows directly.

If not, there is a free software called [Virtual Box](https://www.virtualbox.org/wiki/Downloads) (from Sun) which can host Windows in a Mac.

Once you have Windows running on your Mac, installing and running Galaincha is straight forward.

# How do I start Galaincha? Where is the CD? Where are the manuals?

Galaincha is deployed online, not distributed on a CD. You will be provided with a username and a password, with which you can log in at <http://galaincha.com.np/> using your Internet Explorer browser.

Galaincha will be installed automatically on your computer.

# Global Assembly Cache error

If you get the Global Assembly Cache error:

You need to install .NET Framework 4.6 version in your computer.

To download the framework: <https://www.microsoft.com/en-us/download/details.aspx?id=48130>

# Prerequisites to run Galaincha

For detailed information, visit <http://galaincha.com.np/gettingstarted/> .

1) Please use **Internet Explorer** browser to login in [http://galaincha.com.np](http://galaincha.com.np/)  
2) You must be Administrator user in your machine.  
3) Make sure that your system date, time, AM/PM settings and time zone are correct.

Please follow these steps:

Click on the left bottom corner on the system tray displaying current date and time.

Click on “Change date and time settings..”

You will get a window as shown below:

Choose your time zone (ie. My time zone is Kathmandu, so I have chosen Kathmandu for the setting).

4) .NET Framework 4.6 must be installed on your system. You can download it from: <https://www.microsoft.com/en-us/download/details.aspx?id=48130> .

# Galaincha getting started document

Please, use internet explorer to log in with your provided username and password at [Galaincha.com.np](http://www.galaincha.com.np/)

Enter your user name and password, and click on Login button(or press Enter).

You will be notified if any prerequisite to run Galaincha software is missing. Please install the required component and login again in that case.

If you are running Galaincha for the first time, you will be asked to install it. Please confirm to proceed.

Galaincha will be downloaded and installed automatically. You can see the progress of the download. Galaincha will start automatically after the download is complete.

If you have more questions related to getting started in Galaincha, please visit <https://www.galaincha.com.np/faq_/> .