

# How to create custom grid systems in Photoshop

In this post, TipsMake.com will show you how to create custom grids for both CSS and Photoshop. To make this process easy, the article will use several tools.

Grid is a popular approach to building websites. The grid helps keep the parts in proportion. Some examples of CSS Grid framework are 960.gs or Skeleton. However, one of the limitations of using the framework framework is that users will be less flexible.

Users are bound to framework specifications, and in many cases, that may not be suitable for specific site requirements.

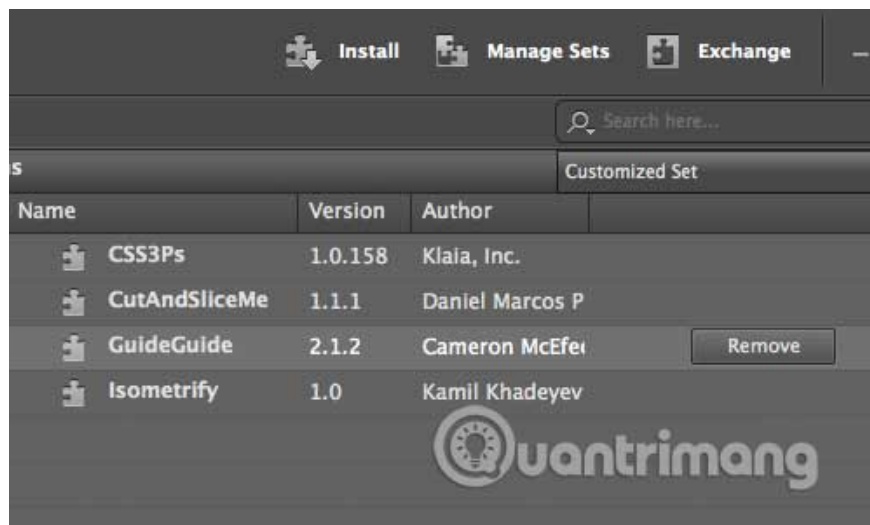
In this post, **TipsMake.com** will show you how to create custom grids for both CSS and Photoshop. To make this process easy, the article will use several tools. Let's find out in detail in this section!

## Install GuideGuide

First, you need to install GuideGuide, a Photoshop extension to create specific, specified paths to make mesh easier. To be able to install GuideGuide, you need at least Photoshop CS4.



The Photoshop extension can be installed via the Adobe Extension Manager, as follows.



## Calculate grid size

Before setting up the standard lines in Photoshop, we need to calculate the grid size, including the total width, column width, number of columns and distance between columns. They can be done easily using the Grid Calculator tool of Heroku.com (refer to: <http://gridcalculator.dk/>).

In this example, the article specifies a total width of **1000px**, a space between columns of **30px**, and a number of columns of **10**. This tool will then automatically create the actual content width as well as the preferred column width, well suited.

A screenshot of a grid calculator tool. On the left, there are three input fields: 'Column width' with the value '70', 'Number of columns' with the value '10', and 'Gutter width' with the value '30'. On the right, there are two output fields: 'Content width' with the value '970' and 'Full width' with the value '1000'. A checkbox labeled 'Check to edit the width' is checked. Annotations with arrows point to the '70' field (labeled 'the column width'), the '970' field (labeled 'the actual width that hold the content'), and the '1000' field (labeled 'the total website width'). A watermark 'Quantineng' is visible in the center.

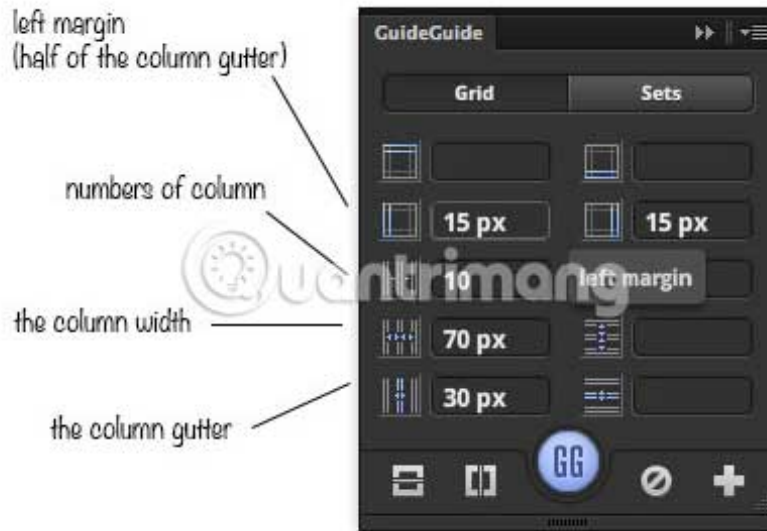
You can also download the generated CSS grid.

## Create grid

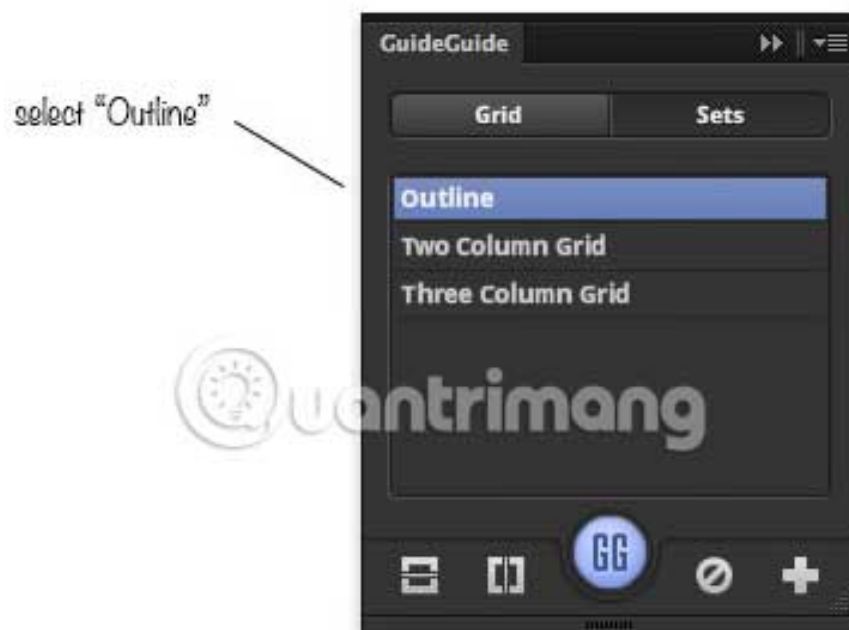
Time to go back to Photoshop. Go to **Window > Extensions** menu to display the **GuideGuide** panel in the Photoshop sidebar. Then create a new Photoshop canvas and set the width of the frame to **Full Width** - in this case **1000px**.

A screenshot of the Photoshop 'New' dialog box. The 'Name' field contains 'custom-grid'. The 'Preset' is set to 'Custom'. The 'Size' section shows 'Width: 1000 Pixels', 'Height: 768 Pixels', and 'Resolution: 72 Pixels/Inch'. The 'Color Mode' is 'RGB Color' with '8 bit'. The 'Background Contents' is 'White'. The 'Advanced' section is expanded, showing 'Color Profile: sRGB IEC61966-2.1' and 'Pixel Aspect Ratio: Square Pixels'. On the right, there are buttons for 'OK', 'Cancel', 'Save Preset...', and 'Delete Preset...'. The 'Image Size' is listed as '2,20M'. A watermark 'Quantineng' is visible in the center.

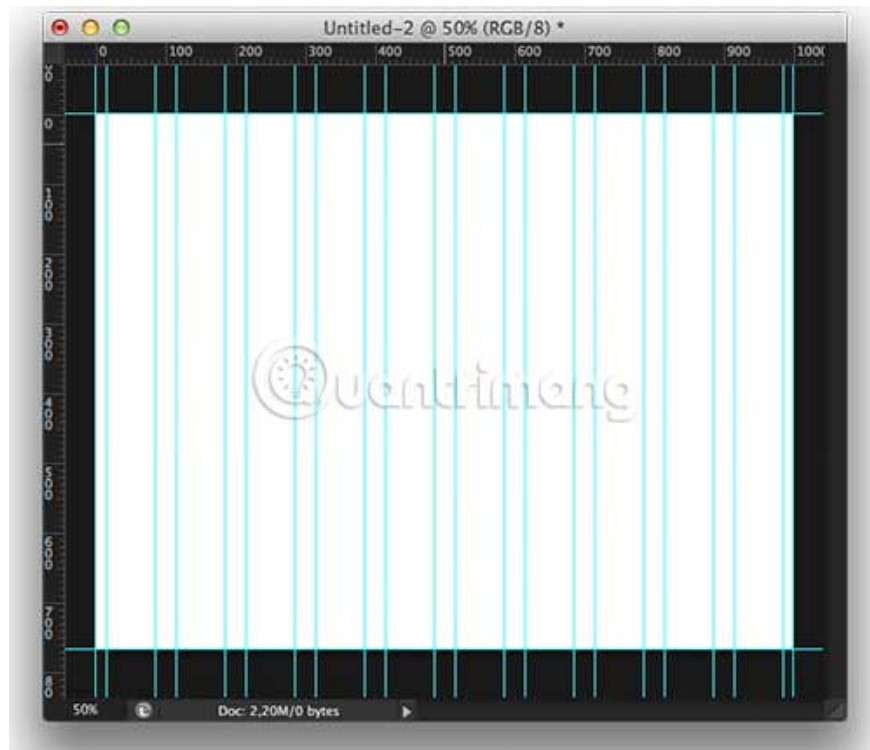
Fill in the fields in the GuideGuide panel - **Column Gutter**, **Column Width** and **Column Numbers** - according to the fields in the Grid Calculator.



Then, in the GuideGuide dashboard, go to the **Sets** tab . In this tab, you'll find **Outlines** pre-set to create standard lines at the edge of the canvas.



All operations are completed and this is a custom grid, ready to use when designing your website.



In addition, you can add more space to the left and right of the canvas by increasing its width, then adding rectangles in new layers to create a visual helper for columns in the grid. .

Hope you are succesful.

You finished reading the article "**How to create custom grid systems in Photoshop**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.