easyRulers
by Real Creations

description

easyRulers is a script for Adobe After Effects, specifically designed to create any type of graphical measuring ruler, fast and easy. It is ideal for artists who create gauges, scopes, speedometers, graphical equalizers, HUDs, UI elements, historical timelines, instrumentation layouts, infographics etc.

installation

easyRulers can be run as a dockable panel or as a window.

To install and run as a dockable panel (will be visible in the "Window" menu):

1. Copy the file easyRulers.jsxbin into the folder:

    "..Support Files/Scripts/Script UI Panels" (on Windows)

    or "..Scripts/Script UI Panels" (on OS X) of your After Effects installation.

2. Restart After Effects

To install and run as a window (will be visible in the File -> Scripts Menu):

1. Copy the file easyRulers.jsxbin into the folder:

    "..Support Files/Scripts/" (on Windows)

    or "..Scripts/" (on OS X) of your After Effects installation.

2. Restart After Effects

The script can be run as a dockable panel (will be visible and run from the "Window" menu of After Effects) or in "window mode" (visible and run from the File -> Scripts menu). The mode depends on which folder you install the script in (see instructions on page 2)

Adjusts the total lines of a ruler. Bigger numbers, create longer rulers.

You can use the slider to adjust the total number of lines or insert the number you wish directly into the text box.

Adjusts the gap between each line of the ruler. The bigger the number, the longer the ruler.

You can use the slider to adjust the gap of the lines or insert the number you wish directly into the text box.

Select if the ruler would be created in a line or aN arc/circle

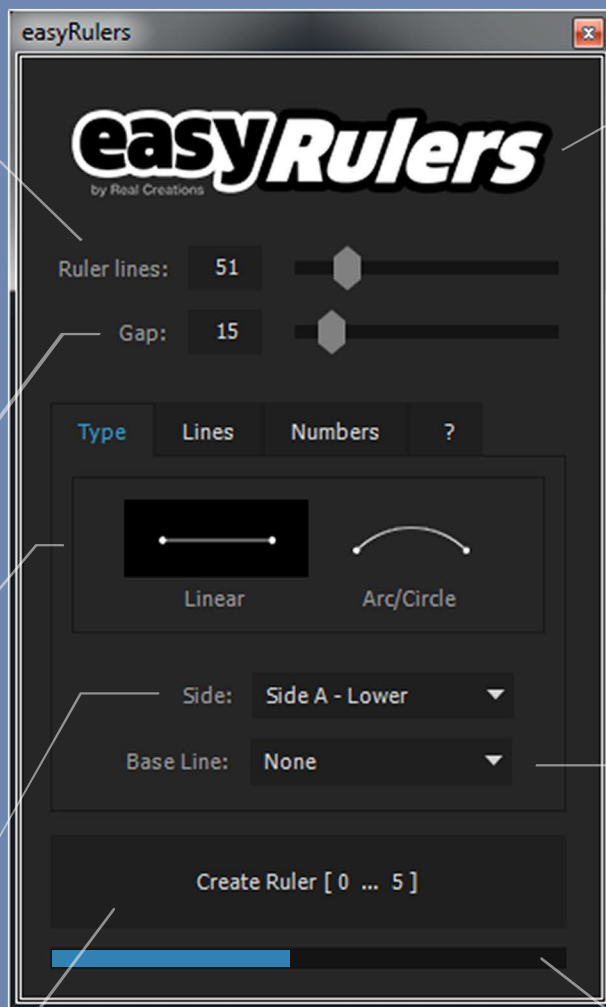Select which side of the ruler to populate:

_ Side A
_ Side B
_ Both sides

Clicking on the logo brings up a window with small help tips

This option creates an additional line at the base of the ruler:

_ **None:** does not create a base line

_ **Bottom only:** creates one base line at the bottom of the ruler

_ **Multiple:** creates multiple base lines, one for each sub-division category

easyRulers

easyRulers
by Real Creations

Ruler lines: 51

Gap: 15

Type | Lines | Numbers | ?

Linear | Arc/Circle

Side: Side A - Lower

Base Line: None

Create Ruler [0 ... 5]

Creates the ruler! The button also shows the range of numbers that is going to be created.

A plus sign appears when the number of lines set, will not create a whole number of lines.

For example if you set 52 Ruler lines in a type (e) ruler (devided by 10) then you will create a ruler from 1 to 5, seperated by 10 subdivisions plus one additional line.

(the total number of lines includes also the 0 point)

Progress bar (only visible when script is run in "Window" mode)

page 4

easyRulers

easy*Rulers*
by Real Creations

Ruler lines: 51

Gap: 15

Type | Lines | Numbers | ?

Shape of divisions: Stripes

(e) /10 + 1/1 + 1/2

Colors: main | 1/1 | 1/2 | 1/4 | 1/8

Create Ruler [0 ... 5]

Select the shape of the ruler subdivisions: Stripes or Dots.

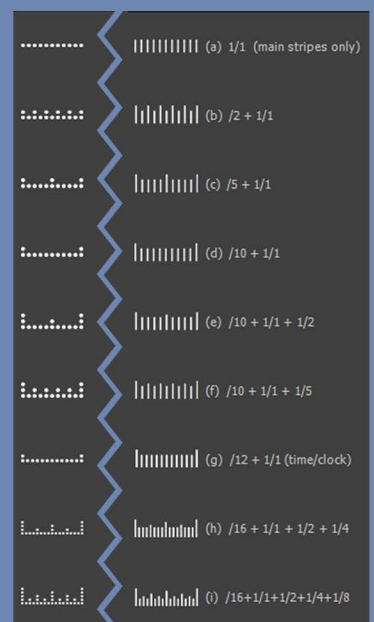select between 9 different types of subdivision lines (dotted or striped)

Set the colors of the various parts of the ruler.

• main = main lines
• 1/1 = big division lines
• 1/2 = half subdivision lines
• 1/4 = quarter subdivision lines
• 1/5 = fifth subdivision lines
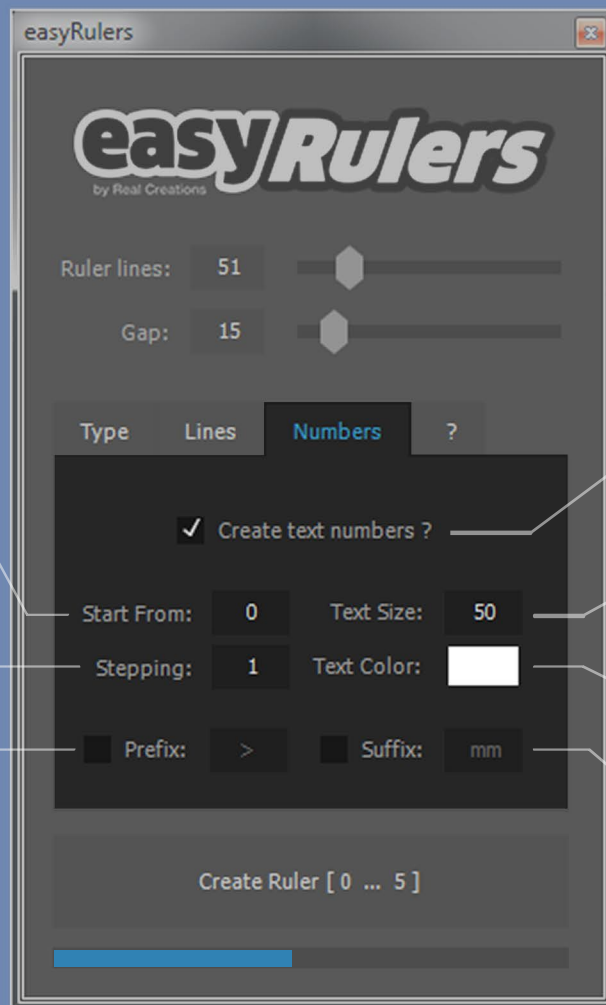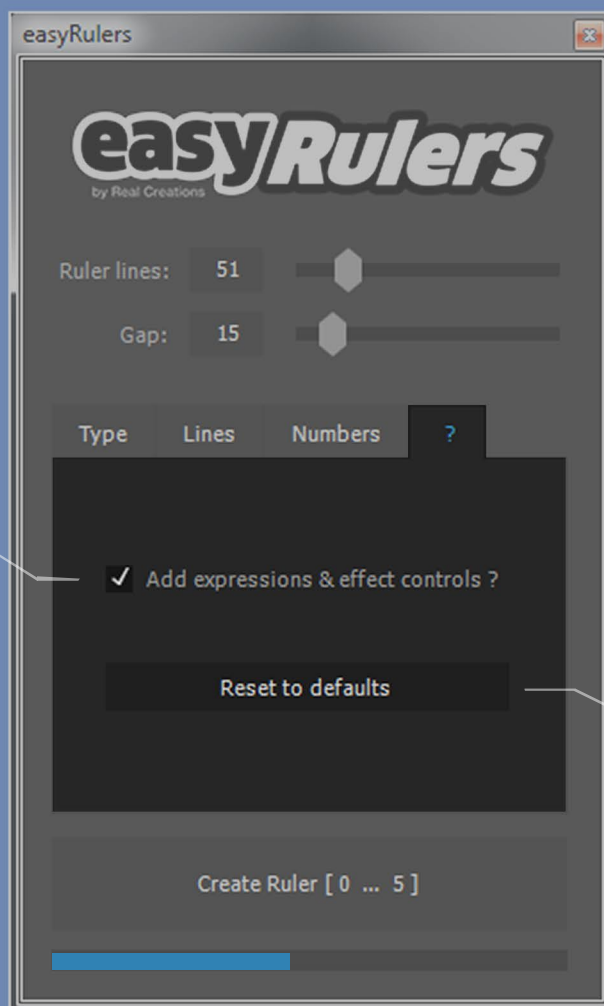• 1/8 = eighth subdivision lines

(a) 1/1 (main stripes only)
(b) /2 + 1/1
(c) /5 + 1/1
(d) /10 + 1/1
(e) /10 + 1/1 + 1/2
(f) /10 + 1/1 + 1/5
(g) /12 + 1/1 (time/clock)
(h) /16 + 1/1 + 1/2 + 1/4
(i) /16+1/1+1/2+1/4+1/8

page 5

easyRulers

easyRulers
by Real Creations

Ruler lines: 51

Gap: 15

Type   Lines   Numbers   ?

✓ Create text numbers ?

Start From: 0   Text Size: 50

Stepping: 1   Text Color:

Prefix: >   Suffix: mm

Create Ruler [0 ... 5]

set the starting point of the numbering

set the stepping of the numbering starting from 0, a stepping of 5 will create the following numbers: e.g. 0, 5, 10, 15...

inserts a prefix in front of each text number

check if you want to create text number layers

set the size of the text numbers

set the color of the text numbers

inserts a suffix after each text number

Adds expressions and effect controls to the shape and text layers.

Resets all settings of easyRulers back to their default values

effect controls

Once the ruler has been created, you will find a number of the following effect controls in the effect panel of the shape layer of easyRuler. **Only the effect controls that are needed are added to the effects control panel.** For example, if you select not to generate text numbers then the "Text Scale", "Text Distance", Text Rotation" and "Text Color" will not be added as they are redudant.

adjusts the gap between each line of the ruler

adjusts the width of the ruler stripes ***

adjusts the height of the ruler stripes

adjusts the relative height of the ruler stripes between subdivisions

adjusts the scale of the dots ***

adjusts the relative scale of dots between subdivisions ***

adjusts the offset rotation between the ruler shape and text numbers **

adjusts the distance between the two sides of the ruler

adjusts the scale of the text layers

adjusts the distance between the text layers & the ruler **

offsets the position of the text layers *

adjusts the tracking of the text layers

adjusts the rotation of the text layers **

when checked, text layers rotation center is based on the ruler's anchor center **

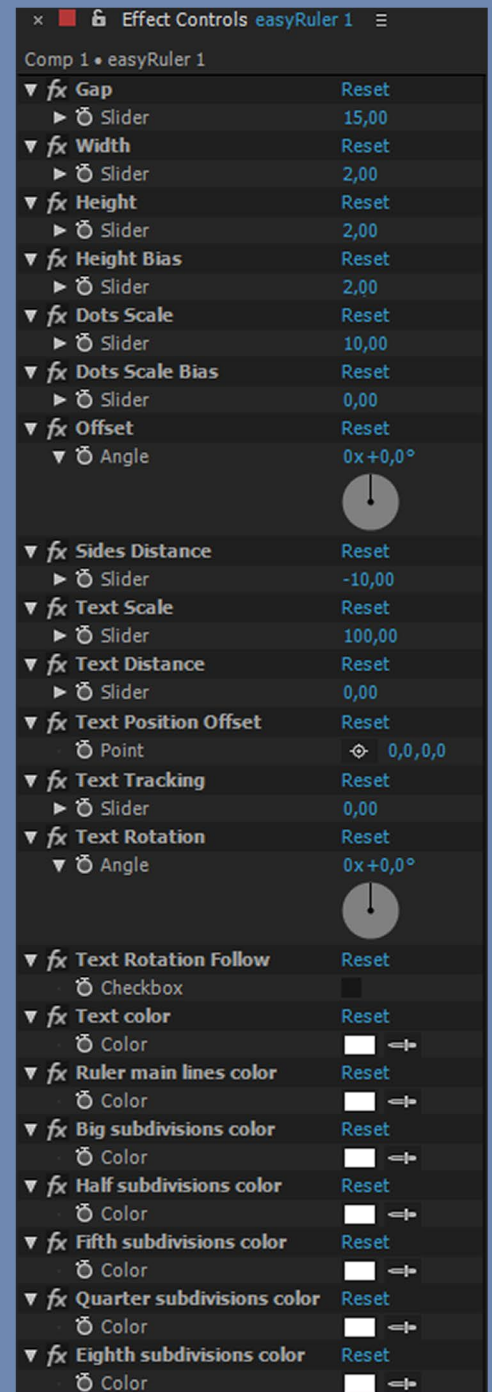sets the color of the text layers

sets the color of main ruler lines

sets the color of the big sudivision lines of the ruler

sets the color of the half sudivision lines of the ruler

sets the color of the fifth sudivision lines of the ruler

sets the color of the quarter sudivision lines of the ruler

sets the color of the eighth sudivision lines of the ruler

× ■ 🔒 Effect Controls easyRuler 1 ≡

Comp 1 • easyRuler 1

▼ fx Gap	Reset
► Ö Slider	15,00
▼ fx Width	Reset
► Ö Slider	2,00
▼ fx Height	Reset
► Ö Slider	2,00
▼ fx Height Bias	Reset
► Ö Slider	2,00
▼ fx Dots Scale	Reset
► Ö Slider	10,00
▼ fx Dots Scale Bias	Reset
► Ö Slider	0,00
▼ fx Offset	Reset
▼ Ö Angle	0x +0,0°
▼ fx Sides Distance	Reset
► Ö Slider	-10,00
▼ fx Text Scale	Reset
► Ö Slider	100,00
▼ fx Text Distance	Reset
► Ö Slider	0,00
▼ fx Text Position Offset	Reset
Ö Point	⊕ 0,0,0
▼ fx Text Tracking	Reset
► Ö Slider	0,00
▼ fx Text Rotation	Reset
▼ Ö Angle	0x +0,0°
▼ fx Text Rotation Follow	Reset
Ö Checkbox	■
▼ fx Text color	Reset
Ö Color	☐ ⇒
▼ fx Ruler main lines color	Reset
Ö Color	☐ ⇒
▼ fx Big subdivisions color	Reset
Ö Color	☐ ⇒
▼ fx Half subdivisions color	Reset
Ö Color	☐ ⇒
▼ fx Fifth subdivisions color	Reset
Ö Color	☐ ⇒
▼ fx Quarter subdivisions color	Reset
Ö Color	☐ ⇒
▼ fx Eighth subdivisions color	Reset
Ö Color	☐ ⇒

* only available in linear rulers | ** only avaialble in arc/circular rulers | *** only avaialble in rulers with dotted subdivisions

compatibility

The script is compatible and has been successfully tested on:

- After Effects CS6
- After Effects CC
- After Effects CC 2014
- After Effects CC 2015
- After Effects CC 2015.3

on both Windows and OS X platforms.

trial limitations

You can test easyRulers free for 7 days. In trial mode these limitations apply:

- you can create a maximum of 10 text layers
- 3 (out of 9) ruler subdivision options are disabled

1.5   September 1, 2016

- **changed:** simpler & smaller interface through the use of more tabbed panels
- **changed:** the "Create Ruler" button now shows a plus sign when the number of lines set, will not create a whole number of ruler lines
- **changed:** changed the "mirror" option to "Sides". Now you can create either the upper/inner side of the ruler or the lower/outer or both sides
- **added:** shape selection for the ruler lines (dots or stripes)
- **added:** ruler baseline with three options (none, bottom only, multiple)
- **added:** reset-to-defaults button

1.2   February 21, 2016

- **changed:** smaller and simpler user interface
- **changed:** "Create Ruler" button now shows the range of numbers that is going to be created
- **changed:** changing the "width" property/slider on a circular ruler, keeps the lines aligned by compensating the rotation
- **added:** new "text offset" effect control for linear rulers
- **added:** new "time" lines division preset
- **added:** prefix and suffix capability

1.0.1 December 18, 2015

- small bug fix for non-english AE installations

1.0   December 10, 2015

- inital release

copyright 2016 @ Real Creations

www.realcreations.gr