

Converting Colors

RGB(125, 115, 233)

Have a look what the booklet for
RGB(125, 115, 233) contains.

RGB(125, 115, 233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(125, 115, 233)

Conversions

Conversions Part 1

Format	Color
Hex	7D73E9
RGB	125, 115, 233
RGB Percent	49%, 45%, 91%
CMY	0.5098, 0.5490, 0.0863
CMYK	0.46, 0.51, 0.00, 0.09
HSL	245°, 73%, 68%
HSV	245°, 51%, 91%
XYZ	29.2962, 22.5046, 79.8905
YIQ	131.4420, -31.9180, 38.8180

Conversions

Conversions Part 2

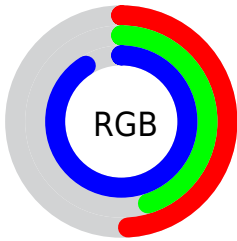
Format	Color
RYB	125, 115, 233
Decimal	8221673
CIELab	54.56, 33.62, -58.74
CIELCh	55, 67.676, 299.785
Yxy	22.5046, 0.2225, 0.1709
Android (android.graphics.Color)	4286411753 (0xFF7D73E9)
YUV	131.4420, 50.0681, -5.6496
Hunter-Lab	47.4390, 27.2150, -66.6410

Details

The RGB color **125, 115, 233** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **223, 233, 115**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **183, 167, 255**, and **66, 67, 176** is the 20% darker color. If you saturate the color by 10%, you get **104, 92, 233**, and if you desaturate by 10%, it is **146, 138, 233**.

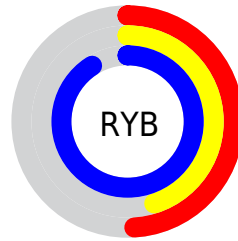
Distribution



Red (49%)

Green (45%)

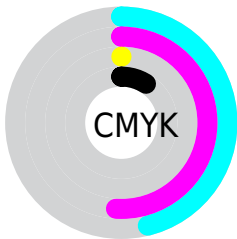
Blue (91%)



Red (49%)

Yellow (45%)

Blue (91%)

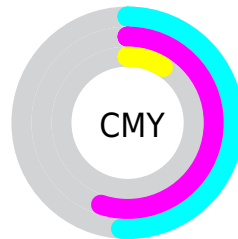


Cyan (46%)

Magenta (51%)

Yellow (0%)

Black (9%)



Cyan (51%)


Magenta (55%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 125, 115, 233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 125, 115, 233 by changing the saturation by 10% instead.

 125, 115, 233

255, 255, 255

 183, 167, 255

 212, 194, 255

 242, 222, 255

 255, 251, 255

 125, 115, 233

 96, 90, 204

 66, 67, 176

 30, 44, 149

 0, 23, 123

 0, 2, 97

 0, 1, 72

 0, 4, 49

 0, 1, 27

 0, 0, 0

 125, 115, 233

 125, 115, 233

 104, 92, 233

 146, 138, 233

 82, 68, 233


 168, 162, 233

 61, 45, 233

 189, 185, 233

 40, 22, 233

 210, 208, 233

 20, 0, 233

 232, 232, 233

 253, 255, 233

 255, 255, 233

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 138, 248



125, 115, 233



199, 86, 190

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125, 115, 233



202, 104, 19



0, 157, 128

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125, 115, 233



223, 233, 115

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 153, 68



125, 115, 233



157, 128, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125, 115, 233



229, 77, 76



99, 144, 0



0, 156, 187

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125, 115, 233



224, 69, 153



99, 144, 0



0, 156, 108

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125, 115, 233



220, 217, 255



115, 223, 233



106, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125, 115, 233



113, 99, 255



184, 115, 233



107, 106, 117



15, 0, 181



5, 0, 54

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



233, 115, 223



255, 99, 242



164, 233, 115



117, 106, 116



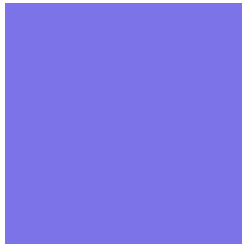
181, 0, 166



54, 0, 49

Previews

White Background



This preview shows how the RGB color 125, 115, 233 looks on a white background.

Color Contrast Check

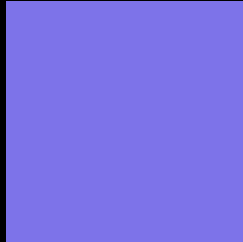
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 125, 115, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

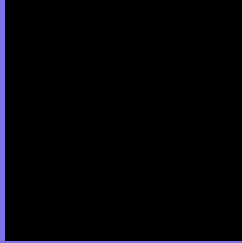
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 125, 115, 233 Background



This preview shows how black text looks on a background with the RGB color 125, 115, 233.

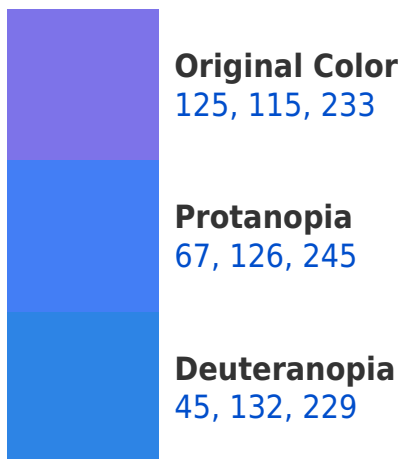


This preview shows how white text looks on a background with the RGB color 125, 115, 233.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
101, 136, 147

Trichromacy



Original Color
125, 115, 233

Protanomaly
88, 122, 241

Deuteranomaly
74, 126, 230

Tritanomaly
110, 128, 178

Monochromacy



Original Color
125, 115, 233

Achromatopsia
131, 131, 131

Achromatomaly
129, 125, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 115, 233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 115, 233)` looks like.

```
.text, #text, p{  
    color:rgb(125, 115, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 115, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 115, 233) }
```

Border

The CSS property to change the border of an element to RGB 125, 115, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

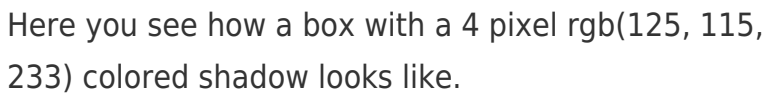
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 115, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 115, 233) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(125, 115, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 115, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 115, 233); box-shadow:4px 4px 4px 4px rgb(125, 115, 233) }
```

Background

The CSS property to change the background color of an element to RGB 125, 115, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 115, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
115, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor