

Converting Colors

RGB(135, 115, 234)

Have a look what the booklet for
RGB(135, 115, 234) contains.

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Color

RGB(135, 115, 234)

Conversions

Conversions Part 1

Format	Color
Hex	8773EA
RGB	135, 115, 234
RGB Percent	53%, 45%, 92%
CMY	0.4706, 0.5490, 0.0824
CMYK	0.42, 0.51, 0.00, 0.08
HSL	250°, 74%, 68%
HSV	250°, 51%, 92%
XYZ	30.9737, 23.3529, 80.7170
YIQ	134.5460, -26.2790, 41.2490

Conversions

Conversions Part 2

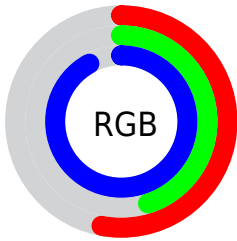
Format	Color
R _Y B	135, 115, 234
Decimal	8877034
CIE Lab	55.43, 36.17, -57.85
CIE LCh	55, 68.224, 302.018
Yxy	23.3529, 0.2294, 0.1729
Android (android.graphics.Color)	4287067114 (0xFF8773EA)
YUV	134.5460, 49.0308, 0.3982
Hunter-Lab	48.3248, 29.8408, -65.2048

Details

The RGB color **135, 115, 234** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **214, 234, 115**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **193, 167, 255**, and **77, 66, 177** is the 20% darker color. If you saturate the color by 10%, you get **116, 92, 234**, and if you desaturate by 10%, it is **154, 138, 234**.

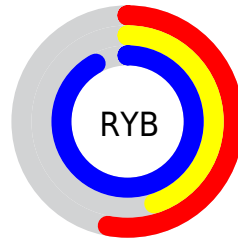
Distribution



Red (53%)

Green (45%)

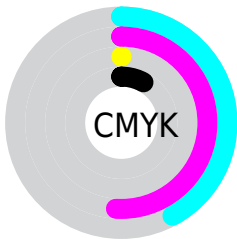
Blue (92%)



Red (53%)

Yellow (45%)

Blue (92%)

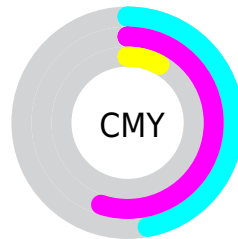


Cyan (42%)

Magenta (51%)

Yellow (0%)

Black (8%)



Cyan (47%)

Magenta (55%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 135, 115, 234 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 135, 115, 234 by changing the saturation by 10% instead.

 135, 115, 234

255, 255, 255

 193, 167, 255

 222, 195, 255

 252, 223, 255

 255, 251, 255

 135, 115, 234

 106, 90, 205

 77, 66, 177

 46, 44, 150

 0, 22, 124

 0, 1, 98

 0, 0, 73

 0, 4, 50

 0, 1, 28

 0, 0, 0

 135, 115, 234

 135, 115, 234

 116, 92, 234

 154, 138, 234

 96, 68, 234

 174, 162, 234

 77, 45, 234

 193, 185, 234

 57, 21, 234

 213, 209, 234

 39, 0, 234

 232, 232, 234

 252, 255, 234

 255, 255, 234

Harmonies

Analogous

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



0, 139, 252



135, 115, 234



206, 85, 189

Triad

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



135, 115, 234



202, 108, 15



0, 159, 135

Complementary

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



135, 115, 234



214, 234, 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, 156, 74



135, 115, 234



156, 132, 0

Square

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



135, 115, 234



231, 81, 74



96, 147, 3



0, 159, 194

Rectangle

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



135, 115, 234



229, 70, 151



96, 147, 3



0, 158, 114

Sweetspot

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



135, 115, 234



223, 217, 255



115, 214, 234



108, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 115, 234



126, 99, 255



194, 115, 234



108, 106, 117



30, 0, 181



9, 0, 54

Inverse Universe

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



234, 115, 214



255, 99, 229



155, 234, 115



117, 106, 115



181, 0, 151



54, 0, 45

Previews

White Background



This preview shows how the RGB color 135, 115, 234 looks on a white background.

Color Contrast Check

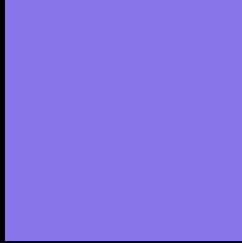
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 115, 234 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 135, 115, 234 Background



This preview shows how black text looks on a background with the RGB color 135, 115, 234.

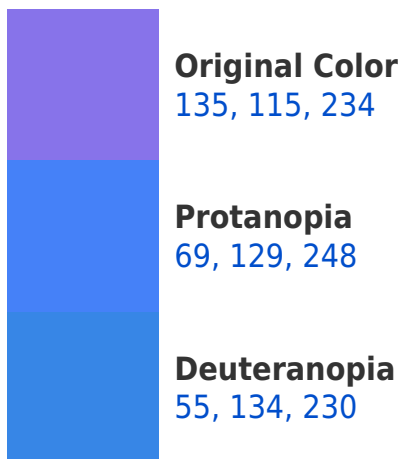



This preview shows how white text looks on a background with the RGB color 135, 115, 234.

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](#).

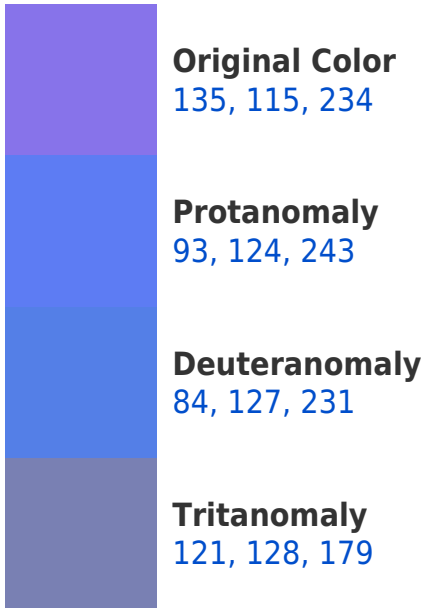
Dichromacy



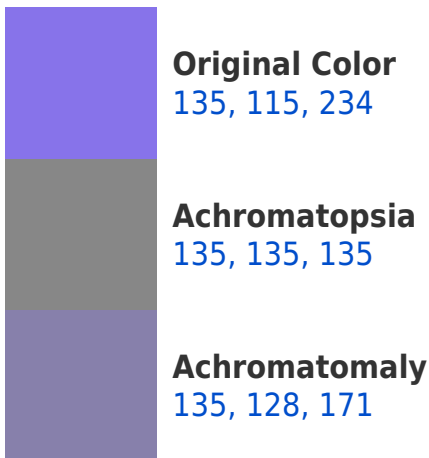


Tritanopia
113, 136, 147

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 115, 234 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(135, 115, 234)` looks like.

```
.text, #text, p{  
  color:rgb(135, 115, 234)  
}
```

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(135, 115, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 115, 234) }
```

Border

The CSS property to change the border of an element to RGB 135, 115, 234 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(135, 115, 234) }
```

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

```
.border{ border-color:rgb(135, 115, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 115, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 115, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 115, 234);  
box-shadow:4px 4px 4px 4px rgb(135, 115,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 135, 115, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 115, 234) }
```

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

```
.background{ background-color: rgb(135,  
115, 234) }
```

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](#).

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