

Converting Colors

RGB(130, 124, 233)

Have a look what the booklet for
RGB(130, 124, 233) contains.

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Color

RGB(130, 124, 233)

Conversions

Conversions Part 1

Format	Color
Hex	827CE9
RGB	130, 124, 233
RGB Percent	51%, 49%, 91%
CMY	0.4902, 0.5137, 0.0863
CMYK	0.44, 0.47, 0.00, 0.09
HSL	243°, 71%, 70%
HSV	243°, 47%, 91%
XYZ	31.1216, 25.0443, 80.2845
YIQ	138.2200, -31.4130, 35.1710

Conversions

Conversions Part 2

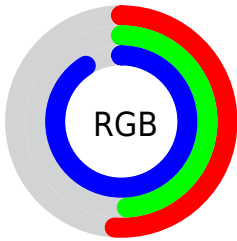
Format	Color
RYB	130, 124, 233
Decimal	8551657
CIELab	57.12, 29.46, -54.62
CIELCh	57, 62.055, 298.339
Yxy	25.0443, 0.2281, 0.1835
Android (android.graphics.Color)	4286741737 (0xFF827CE9)
YUV	138.2200, 46.7265, -7.2089
Hunter-Lab	50.0443, 23.4281, -60.0861

Details

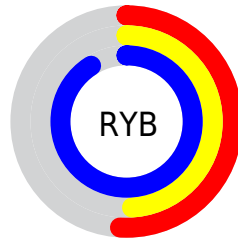
The RGB color **130, 124, 233** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **227, 233, 124**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **187, 177, 255**, and **72, 75, 177** is the 20% darker color. If you saturate the color by 10%, you get **108, 101, 233**, and if you desaturate by 10%, it is **152, 147, 233**.

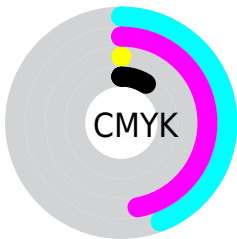
Distribution



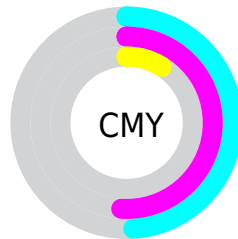
- Red (51%)
- Green (49%)
- Blue (91%)



- Red (51%)
- Yellow (49%)
- Blue (91%)



- Cyan (44%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)




- Cyan (49%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 124, 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 130, 124, 233 by changing the saturation by 10% instead.


 130, 124, 233

255, 255, 255

 187, 177, 255

 217, 204, 255

 246, 232, 255


 130, 124, 233

 102, 99, 204

 72, 75, 177

 40, 52, 149

 0, 31, 123


 0, 12, 97


 0, 0, 73

 0, 4, 49

 0, 1, 27

 0, 0, 0


 130, 124, 233

 130, 124, 233


 108, 101, 233

 152, 147, 233

 86, 77, 233

 174, 171, 233

 64, 54, 233

 196, 194, 233

 42, 31, 233

 218, 217, 233

 20, 8, 233

 240, 241, 233

 13, 0, 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, 144, 246



130, 124, 233



199, 99, 195

Triad

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



130, 124, 233



207, 112, 42



0, 162, 132

Complementary

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



130, 124, 233



227, 233, 124

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.



14, 158, 77



130, 124, 233



166, 134, 1

Square

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



130, 124, 233



231, 90, 89



113, 149, 27



0, 162, 187

Rectangle

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



130, 124, 233



224, 86, 161



113, 149, 27



0, 161, 113

Sweetspot

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



130, 124, 233



221, 219, 255



124, 228, 233



107, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 124, 233



120, 112, 255



184, 124, 233



106, 106, 117



10, 0, 181



3, 0, 54

Inverse Universe

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



233, 124, 227



255, 112, 247



173, 233, 124



117, 106, 117



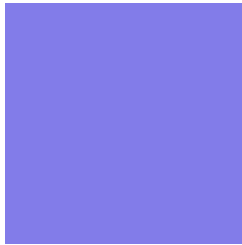
181, 0, 171



54, 0, 51

Previews

White Background



This preview shows how the RGB color 130, 124, 233 looks on a white background.

Color Contrast Check

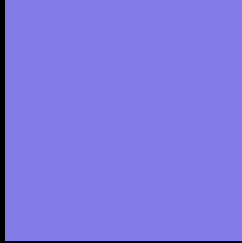
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 124, 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 130, 124, 233 Background



This preview shows how black text looks on a background with the RGB color 130, 124, 233.

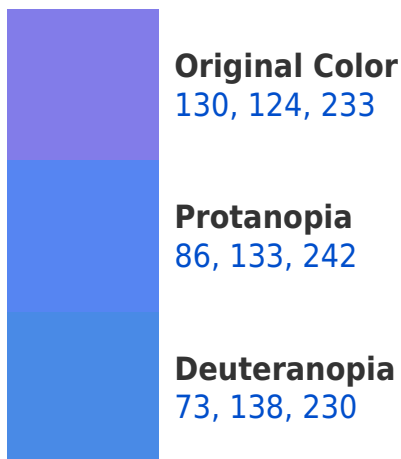


This preview shows how white text looks on a background with the RGB color 130, 124, 233.

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
109, 142, 154

Trichromacy



Original Color
130, 124, 233

Protanomaly
102, 130, 239

Deuteranomaly
94, 133, 231

Tritanomaly
117, 135, 183

Monochromacy



Original Color
130, 124, 233

Achromatopsia
138, 138, 138

Achromatomaly
135, 133, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 124, 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(130, 124, 233)` looks like.

```
.text, #text, p{  
    color:rgb(130, 124, 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(130, 124, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 124, 233) }
```

Border

The CSS property to change the border of an element to RGB 130, 124, 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(130, 124, 233) }
```

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

```
.border{ border-color:rgb(130, 124, 233) }
```

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

Here you see how a box with a 4 pixel rgb(130, 124, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 124, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 124, 233);  
box-shadow:4px 4px 4px 4px rgb(130, 124,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 130, 124, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 124, 233) }
```

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

```
.background{ background-color: rgb(130,  
124, 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](#).

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