

Converting Colors

RGB(130, 104, 217)

Have a look what the booklet for
RGB(130, 104, 217) contains.

RGB(130, 104, 217)	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(130, 104, 217)

Conversions

Conversions Part 1

Format	Color
Hex	8268D9
RGB	130, 104, 217
RGB Percent	51%, 41%, 85%
CMY	0.4902, 0.5922, 0.1490
CMYK	0.40, 0.52, 0.00, 0.15
HSL	254°, 60%, 63%
HSV	254°, 52%, 85%
XYZ	26.6806, 19.6562, 68.0334
YIQ	124.6560, -20.7770, 40.6550

Conversions

Conversions Part 2

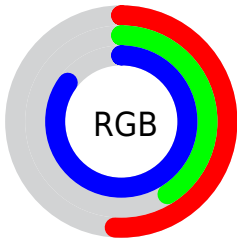
Format	Color
R _Y B	130, 104, 217
Decimal	8546521
CIE Lab	51.45, 36.67, -54.70
CIE LCh	51, 65.848, 303.837
Yxy	19.6562, 0.2333, 0.1719
Android (android.graphics.Color)	4286736601 (0xFF8268D9)
YUV	124.6560, 45.5256, 4.6867
Hunter-Lab	44.3353, 29.8330, -59.9470

Details

The RGB color **130, 104, 217** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **191, 217, 104**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **187, 156, 255**, and **74, 56, 161** is the 20% darker color. If you saturate the color by 10%, you get **113, 82, 217**, and if you desaturate by 10%, it is **147, 126, 217**.

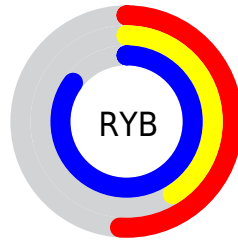
Distribution



Red (51%)

Green (41%)

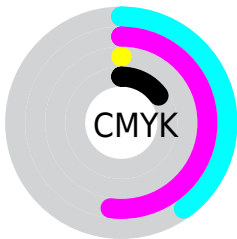
Blue (85%)



Red (51%)

Yellow (41%)

Blue (85%)

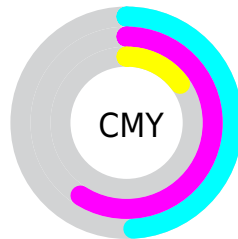


Cyan (40%)

Magenta (52%)

Yellow (0%)

Black (15%)



Cyan (49%)


Magenta (59%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 104, 217 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, 104, 217 by changing the saturation by 10% instead.

 130, 104, 217


255, 255, 255

 187, 156, 255

 216, 183, 255


 245, 211, 255


 255, 239, 255

 130, 104, 217

 102, 79, 189

 74, 56, 161

 43, 33, 135

 0, 11, 109

 0, 0, 84

 0, 6, 59

 0, 2, 37

 0, 1, 13

 0, 0, 0

■ 130, 104, 217

■ 130, 104, 217

■ 113, 82, 217

■ 147, 126, 217

■ 97, 61, 217

■ 163, 147, 217

■ 80, 39, 217

■ 180, 169, 217

■ 63, 17, 217

■ 197, 191, 217

■ 50, 0, 217

■ 214, 213, 217

■ 230, 234, 217

■ 247, 255, 217

■ 255, 255, 217

Harmonies

Analogous

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



0, 127, 236



130, 104, 217



195, 75, 173

Triad

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



130, 104, 217



186, 101, 2



0, 148, 128

Complementary

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



130, 104, 217



191, 217, 104

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, 144, 70



130, 104, 217



141, 123, 0

Square

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



130, 104, 217



215, 74, 63



83, 137, 2



0, 147, 184

Rectangle

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



130, 104, 217



216, 61, 137



83, 137, 2



0, 147, 109

Sweetspot

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



130, 104, 217



224, 214, 255



104, 193, 217



109, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 104, 217



133, 97, 255



185, 104, 217



101, 99, 110



40, 0, 173



11, 0, 46

Inverse Universe

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



217, 104, 191



255, 97, 219



136, 217, 104



110, 99, 107



173, 0, 134



46, 0, 35

Previews

White Background



This preview shows how the RGB color 130, 104, 217 looks on a white background.

Color Contrast Check

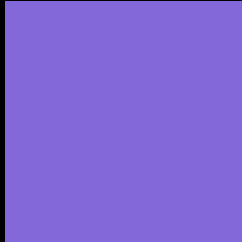
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

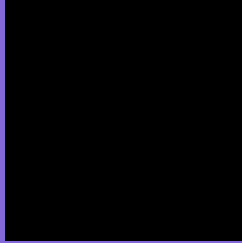
Any Text WCAG AA ✓ Pass

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, 104, 217 Background



This preview shows how black text looks on a background with the RGB color 130, 104, 217.

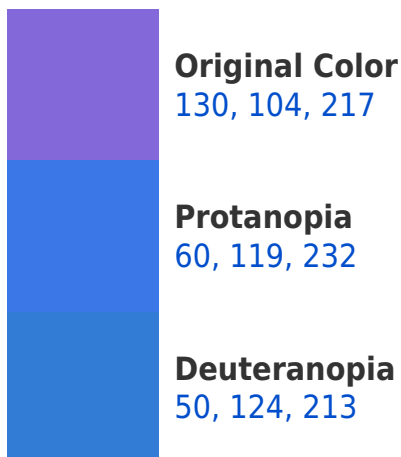


This preview shows how white text looks on a background with the RGB color 130, 104, 217.

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





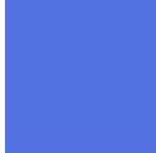
Tritanopia
111, 124, 134

Trichromacy



Original Color

130, 104, 217



Protanomaly

85, 114, 227



Deuteranomaly

79, 117, 214



Tritanomaly

118, 117, 164

Monochromacy



Original Color

130, 104, 217



Achromatopsia

125, 125, 125



Achromatomaly

127, 117, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 104, 217 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, 104, 217)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 217)  
}
```

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, 104, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 217) }
```

Border

The CSS property to change the border of an element to RGB 130, 104, 217 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, 104, 217) }
```

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

```
.border{ border-color:rgb(130, 104, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 104, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 104, 217);  
box-shadow:4px 4px 4px 4px rgb(130, 104,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 130, 104, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 217) }
```

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

```
.background{ background-color: rgb(130,  
104, 217) }
```

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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