

Converting Colors

RGB(110, 88, 252)

Have a look what the booklet for
RGB(110, 88, 252) contains.

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Color

RGB(110, 88, 252)

Conversions

Conversions Part 1	
Format	Color
Hex	6E58FC
RGB	110, 88, 252
RGB Percent	43%, 35%, 99%
CMY	0.5686, 0.6549, 0.0118
CMYK	0.56, 0.65, 0.00, 0.01
HSL	248°, 96%, 67%
HSV	248°, 65%, 99%
XYZ	27.4908, 17.3227, 93.9902
YIQ	113.2740, -39.5320, 55.6680

Conversions

Conversions Part 2

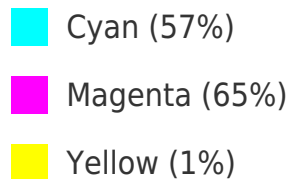
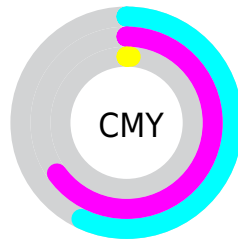
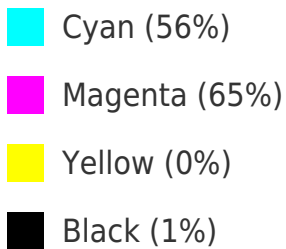
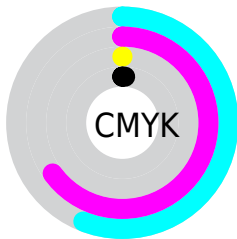
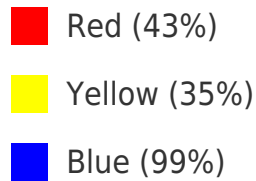
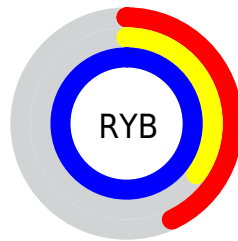
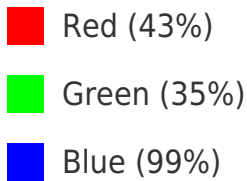
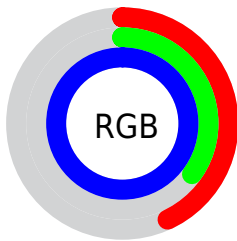
Format	Color
RYB	110, 88, 252
Decimal	7231740
CIELab	48.66, 51.94, -78.94
CIELCh	49, 94.495, 303.343
Yxy	17.3227, 0.1981, 0.1248
Android (android.graphics.Color)	4285421820 (0xFF6E58FC)
YUV	113.2740, 68.3919, -2.8713
Hunter-Lab	41.6206, 45.0651, -104.7580

Details

The RGB color **110, 88, 252** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **230, 252, 88**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **173, 139, 255**, and **33, 40, 194** is the 20% darker color. If you saturate the color by 10%, you get **88, 63, 252**, and if you desaturate by 10%, it is **132, 113, 252**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 110, 88, 252 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 110, 88, 252 by changing the saturation by 10% instead.



110, 88, 252



110, 88, 252

255, 255, 255



76, 63, 223



173, 139, 255



33, 40, 194



203, 166, 255



0, 16, 166



234, 194, 255



0, 0, 139



255, 222, 255



0, 0, 112



255, 251, 255



0, 10, 87



0, 6, 62



0, 3, 40




0, 1, 17

 110, 88, 252

 110, 88, 252

 88, 63, 252

 132, 113, 252

 66, 38, 252

 154, 138, 252


 45, 12, 252

 175, 164, 252

 34, 0, 252

 197, 189, 252

 219, 214, 252

 241, 239, 252

255, 255, 252

Harmonies

Analogous

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



0, 125, 255



110, 88, 252



213, 0, 189

Triad

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



110, 88, 252



196, 80, 0



0, 146, 123

Complementary

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



110, 88, 252



230, 252, 88

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, 143, 33



110, 88, 252



133, 116, 0

Square

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



110, 88, 252



237, 0, 32



38, 134, 0



0, 147, 203

Rectangle

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



110, 88, 252



241, 0, 137



38, 134, 0



0, 145, 95

Sweetspot

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



110, 88, 252



211, 204, 255



88, 230, 252



101, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 88, 252



83, 56, 255



192, 88, 252



114, 112, 125



25, 0, 189



8, 0, 61

Inverse Universe

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



252, 88, 230



255, 56, 228



148, 252, 88



125, 112, 123



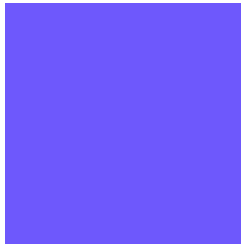
189, 0, 163



61, 0, 53

Previews

White Background



This preview shows how the RGB color 110, 88, 252 looks on a white background.

Color Contrast Check

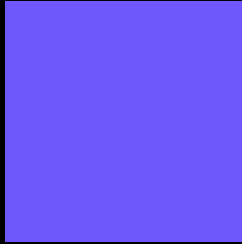
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 110, 88, 252 looks on a black 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

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

RGB 110, 88, 252 Background



This preview shows how black text looks on a background with the RGB color 110, 88, 252.



This preview shows how white text looks on a background with the RGB color 110, 88, 252.

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



Original Color

110, 88, 252

Protanopia

0, 111, 235

Deuteranopia

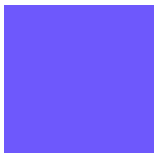


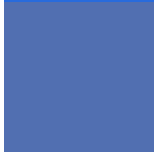
0, 118, 202



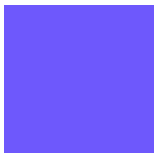


Tritanopia

65, 124, 134

Trichromacy

	Original Color 110, 88, 252
	Protanomaly 40, 103, 241
	Deuteranomaly 40, 107, 220
	Tritanomaly 81, 111, 177

Monochromacy

	Original Color 110, 88, 252
	Achromatopsia 113, 113, 113
	Achromatomaly 112, 104, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 88, 252 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(110, 88, 252)` looks like.

```
.text, #text, p{  
    color:rgb(110, 88, 252)  
}
```

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(110, 88, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 88, 252) }
```

Border

The CSS property to change the border of an element to RGB 110, 88, 252 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(110, 88, 252) }
```

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

```
.border{ border-color:rgb(110, 88, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 88, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 88, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 88, 252);  
box-shadow:4px 4px 4px 4px rgb(110, 88,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 110, 88, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 88, 252) }
```

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

```
.background{ background-color: rgb(110, 88,  
252) }
```

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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