

Converting Colors

RGB(129, 112, 246)

Have a look what the booklet for
RGB(129, 112, 246) contains.

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Color

RGB(129, 112, 246)

Conversions

Conversions Part 1	
Format	Color
Hex	8170F6
RGB	129, 112, 246
RGB Percent	51%, 44%, 96%
CMY	0.4941, 0.5608, 0.0353
CMYK	0.48, 0.54, 0.00, 0.04
HSL	248°, 88%, 70%
HSV	248°, 54%, 96%
XYZ	31.4820, 22.9093, 89.9514
YIQ	132.3590, -32.8820, 45.2780

Conversions

Conversions Part 2

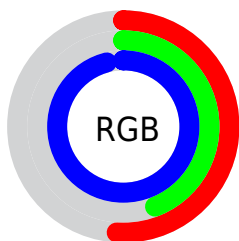
Format	Color
RYB	129, 112, 246
Decimal	8483062
CIELab	54.98, 40.01, -65.29
CIELCh	55, 76.568, 301.499
Yxy	22.9093, 0.2181, 0.1587
Android (android.graphics.Color)	4286673142 (0xFF8170F6)
YUV	132.3590, 56.0250, -2.9458
Hunter-Lab	47.8636, 33.6458, -77.9207

Details

The RGB color **129, 112, 246** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **229, 246, 112**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **188, 164, 255**, and **68, 63, 189** is the 20% darker color. If you saturate the color by 10%, you get **108, 87, 246**, and if you desaturate by 10%, it is **150, 137, 246**.

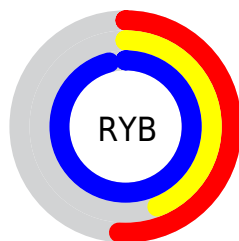
Distribution



Red (51%)

Green (44%)

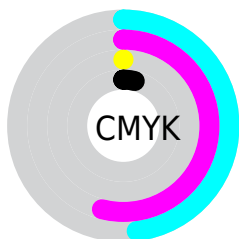
Blue (96%)



Red (51%)

Yellow (44%)

Blue (96%)

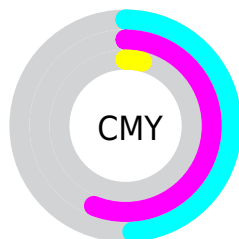


Cyan (48%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (49%)

Magenta (56%)

Yellow (4%)

Brightness & Saturation

Gradients

These gradients show how the RGB color 129, 112, 246 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 129, 112, 246 by changing the saturation by 10% instead.

 129, 112, 246


255, 255, 255

 188, 164, 255

 218, 191, 255

 248, 219, 255


 255, 248, 255


 129, 112, 246

 99, 87, 217

 68, 63, 189

 29, 41, 161

 0, 19, 134


 0, 0, 108

 0, 0, 83


 0, 6, 59


 0, 2, 36

 0, 0, 12


 129, 112, 246

 129, 112, 246

 108, 87, 246

 150, 137, 246

 86, 63, 246


 172, 161, 246

 65, 38, 246

 193, 186, 246

 43, 14, 246

 215, 210, 246

 31, 0, 246

 236, 235, 246

 255, 255, 246

Harmonies

Analogous

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



0, 139, 255



129, 112, 246



212, 74, 196

Triad

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



129, 112, 246



207, 103, 0



0, 160, 133

Complementary

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



129, 112, 246



229, 246, 112

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, 63



129, 112, 246



156, 130, 0

Square

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



129, 112, 246



240, 67, 67



88, 147, 0



0, 160, 200

Rectangle

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



129, 112, 246



238, 51, 153



88, 147, 0



0, 159, 110

Sweetspot

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



129, 112, 246



219, 214, 255



112, 230, 246



106, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 112, 246



110, 89, 255



195, 112, 246



112, 110, 122



24, 0, 186



7, 0, 59

Inverse Universe

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



246, 112, 229



255, 89, 234



163, 246, 112



122, 110, 121



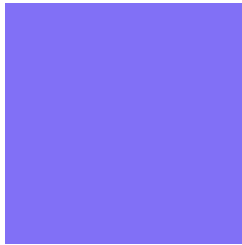
186, 0, 163



59, 0, 51

Previews

White Background



This preview shows how the RGB color 129, 112, 246 looks on a white background.

Color Contrast Check

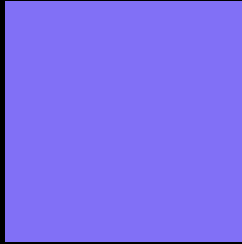
Large Text (above 18pt) WCAG AA ✓ Pass

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 129, 112, 246 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 129, 112, 246 Background



This preview shows how black text looks on a background with the RGB color 129, 112, 246.



This preview shows how white text looks on a background with the RGB color 129, 112, 246.

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

129, 112, 246

Protanopia

54, 127, 255

Deuteranopia

0, 134, 236



Tritanopia

101, 137, 148

Trichromacy



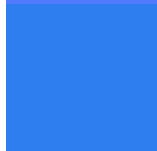
Original Color

129, 112, 246



Protanomaly

81, 122, 252



Deuteranomaly

47, 126, 240



Tritanomaly

111, 128, 184

Monochromacy



Original Color

129, 112, 246



Achromatopsia

132, 132, 132



Achromatomaly

131, 125, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 112, 246 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(129, 112, 246)` looks like.

```
.text, #text, p{  
    color:rgb(129, 112, 246)  
}
```

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(129, 112, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 112, 246) }
```

Border

The CSS property to change the border of an element to RGB 129, 112, 246 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(129, 112, 246) }
```

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

```
.border{ border-color:rgb(129, 112, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 112, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 112, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 112, 246);  
box-shadow:4px 4px 4px 4px rgb(129, 112,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 129, 112, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 112, 246) }
```

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

```
.background{ background-color: rgb(129,  
112, 246) }
```

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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