

Converting Colors

RGB(128, 58, 191)

Have a look what the booklet for
RGB(128, 58, 191) contains.

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Color

RGB(128, 58, 191)

Conversions

Conversions Part 1

Format	Color
Hex	803ABF
RGB	128, 58, 191
RGB Percent	50%, 23%, 75%
CMY	0.4980, 0.7725, 0.2510
CMYK	0.33, 0.70, 0.00, 0.25
HSL	272°, 53%, 49%
HSV	272°, 70%, 75%
XYZ	19.8191, 11.3769, 50.4416
YIQ	94.0920, -0.9730, 56.2030

Conversions

Conversions Part 2

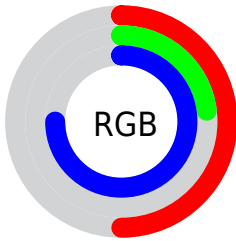
Format	Color
R _Y B	128, 58, 191
Decimal	8403647
CIE Lab	40.21, 54.22, -57.84
CIE LCh	40, 79.281, 313.148
Yxy	11.3769, 0.2428, 0.1394
Android (android.graphics.Color)	4286593727 (0xFF803ABF)
YUV	94.0920, 47.7756, 29.7373
Hunter-Lab	33.7297, 45.8574, -65.0555

Details

The RGB color **128, 58, 191** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **121, 191, 58**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **185, 110, 248**, and **72, 0, 136** is the 20% darker color. If you saturate the color by 10%, you get **119, 39, 191**, and if you desaturate by 10%, it is **137, 77, 191**.

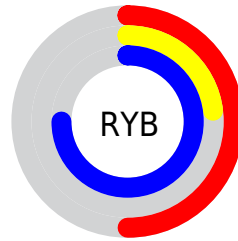
Distribution



Red (50%)

Green (23%)

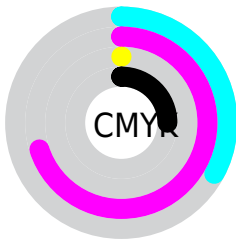
Blue (75%)



Red (50%)

Yellow (23%)

Blue (75%)

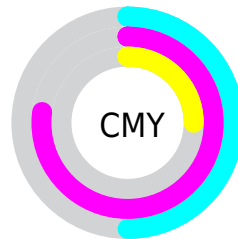


Cyan (33%)

Magenta (70%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (77%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 58, 191 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 128, 58, 191 by changing the saturation by 10% instead.



128, 58, 191



128, 58, 191

255, 255, 255



100, 31, 163



185, 110, 248



72, 0, 136



214, 137, 255



42, 0, 110



244, 165, 255



13, 0, 85



255, 192, 255



0, 0, 61



255, 221, 255



0, 3, 38



255, 250, 255



0, 1, 15



0, 0, 0



128, 58, 191



128, 58, 191

■ 119, 39, 191

■ 137, 77, 191

■ 110, 20, 191

■ 146, 96, 191

■ 101, 1, 191

■ 155, 115, 191

■ 101, 0, 191

■ 164, 134, 191

■ 173, 154, 191

■ 182, 173, 191

■ 191, 192, 191

■ 200, 211, 191

■ 209, 230, 191

Harmonies

Analogous

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



0, 95, 224



128, 58, 191



188, 0, 134

Triad

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



128, 58, 191



145, 78, 0



0, 120, 123

Complementary

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



128, 58, 191



121, 191, 58

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, 118, 54



128, 58, 191



90, 101, 0

Square

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



128, 58, 191



185, 32, 0



0, 113, 0



0, 120, 183

Rectangle

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



128, 58, 191



202, 0, 91



0, 113, 0



0, 120, 100

Sweetspot

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



128, 58, 191



223, 195, 247



58, 122, 191



110, 94, 125



252, 252, 252



125, 125, 125

Same Dimension

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



128, 58, 191



149, 40, 247



191, 58, 189



90, 85, 94



83, 0, 158



16, 0, 31

Inverse Universe

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



191, 58, 121



247, 40, 138



58, 191, 60



94, 85, 89



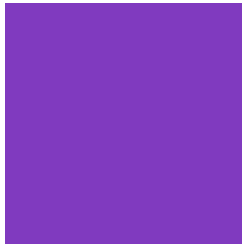
158, 0, 75



31, 0, 14

Previews

White Background



This preview shows how the RGB color 128, 58, 191 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 128, 58, 191 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 128, 58, 191 Background



This preview shows how black text looks on a background with the RGB color 128, 58, 191.



This preview shows how white text looks on a background with the RGB color 128, 58, 191.

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

128, 58, 191

Protanopia

0, 92, 194

Deuteranopia

0, 97, 170



Tritanopia
110, 89, 96

Trichromacy



Original Color

128, 58, 191



Protanomaly

47, 80, 193



Deuteranomaly

47, 83, 178



Tritanomaly

117, 78, 131

Monochromacy



Original Color

128, 58, 191



Achromatopsia

94, 94, 94



Achromatomaly

106, 81, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 58, 191 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(128, 58, 191)` looks like.

```
.text, #text, p{  
    color:rgb(128, 58, 191)  
}
```

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(128, 58, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 58, 191) }
```

Border

The CSS property to change the border of an element to RGB 128, 58, 191 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(128, 58, 191) }
```

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

```
.border{ border-color:rgb(128, 58, 191) }
```

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

Here you see how a box with a 4 pixel rgb(128, 58, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 58, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 58, 191);  
box-shadow:4px 4px 4px 4px rgb(128, 58,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 128, 58, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 58, 191) }
```

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

```
.background{ background-color: rgb(128, 58,  
191) }
```

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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