

Converting Colors

RGB(128, 89, 167)

Have a look what the booklet for
RGB(128, 89, 167) contains.

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Color

RGB(128, 89, 167)

Conversions

Conversions Part 1

Format	Color
Hex	8059A7
RGB	128, 89, 167
RGB Percent	50%, 35%, 65%
CMY	0.4980, 0.6510, 0.3451
CMYK	0.23, 0.47, 0.00, 0.35
HSL	270°, 31%, 50%
HSV	270°, 47%, 65%
XYZ	19.4495, 14.5240, 38.3375
YIQ	109.5530, -1.7940, 32.5260

Conversions

Conversions Part 2

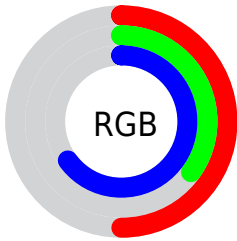
Format	Color
R_{YB}	128, 89, 167
Decimal	8411559
CIE _{Lab}	44.98, 31.82, -36.10
CIE _{LCh}	45, 48.118, 311.394
Yxy	14.5240, 0.2690, 0.2009
Android (android.graphics.Color)	4286601639 (0xFF8059A7)
YUV	109.5530, 28.3214, 16.1780
Hunter-Lab	38.1103, 24.4040, -32.9662

Details

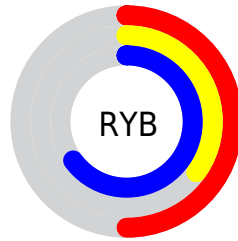
The RGB color **128, 89, 167** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **128, 167, 89**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **182, 140, 223**, and **76, 42, 114** is the 20% darker color. If you saturate the color by 10%, you get **120, 72, 167**, and if you desaturate by 10%, it is **136, 106, 167**.

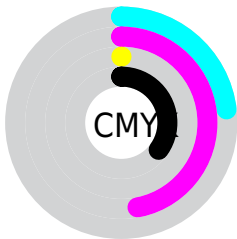
Distribution



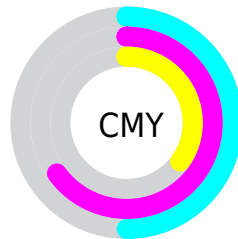
- Red (50%)
- Green (35%)
- Blue (65%)



- Red (50%)
- Yellow (35%)
- Blue (65%)



- Cyan (23%)
- Magenta (47%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 89, 167 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, 89, 167 by changing the saturation by 10% instead.



128, 89, 167



128, 89, 167

255, 255, 255



102, 65, 140



182, 140, 223



76, 42, 114



211, 167, 251



51, 19, 90



239, 194, 255



27, 0, 66



255, 222, 255



0, 0, 43



255, 251, 255



0, 1, 21



0, 0, 0



128, 89, 167



128, 89, 167



120, 72, 167



136, 106, 167

111, 56, 167

145, 122, 167

103, 39, 167

153, 139, 167

95, 22, 167

161, 156, 167

86, 5, 167

170, 172, 167

83, 0, 167

178, 189, 167

186, 206, 167

195, 223, 167

203, 239, 167

Harmonies

Analogous

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



52, 106, 185



128, 89, 167



166, 73, 133

Triad

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



128, 89, 167



147, 95, 25



0, 126, 121

Complementary

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



128, 89, 167



128, 167, 89

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, 124, 79



128, 89, 167



113, 109, 16

Square

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



128, 89, 167



171, 79, 55



68, 119, 42



0, 124, 159

Rectangle

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



128, 89, 167



177, 68, 106



68, 119, 42



0, 125, 107

Sweetspot

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



128, 89, 167



202, 186, 217



89, 128, 167



100, 91, 110



237, 237, 237



110, 110, 110

Same Dimension

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



128, 89, 167



156, 95, 217



167, 89, 167



80, 76, 84



74, 0, 148



10, 0, 20

Inverse Universe

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



167, 89, 128



217, 95, 156



89, 167, 89



84, 76, 80



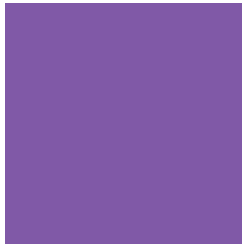
148, 0, 74



20, 0, 10

Previews

White Background



This preview shows how the RGB color 128, 89, 167 looks on a white background.

Color Contrast Check

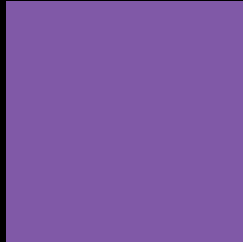
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

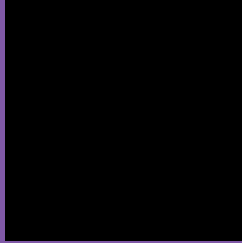
Any Text WCAG AA × Fail

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, 89, 167 Background



This preview shows how black text looks on a background with the RGB color 128, 89, 167.



This preview shows how white text looks on a background with the RGB color 128, 89, 167.

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, 89, 167

Protanopia
74, 104, 181

Deuteranopia
78, 106, 163



Tritanopia
118, 102, 110

Trichromacy



Original Color
128, 89, 167

Protanomaly
94, 99, 176

Deuteranomaly
96, 100, 164

Tritanomaly
122, 97, 131

Monochromacy



Original Color
128, 89, 167

Achromatopsia
110, 110, 110

Achromatomaly
117, 102, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 89, 167 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, 89, 167)` looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 167)  
}
```

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, 89, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 167) }
```

Border

The CSS property to change the border of an element to RGB 128, 89, 167 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, 89, 167) }
```

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

```
.border{ border-color:rgb(128, 89, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 89, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 167);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 128, 89, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 89, 167) }
```

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

```
.background{ background-color: rgb(128, 89,  
167) }
```

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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