

# Converting Colors

RGB(179, 89, 125)

Have a look what the booklet for  
RGB(179, 89, 125) contains.

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# Color

**RGB(179, 89, 125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3597D
RGB	179, 89, 125
RGB Percent	70%, 35%, 49%
CMY	0.2980, 0.6510, 0.5098
CMYK	0.00, 0.50, 0.30, 0.30
HSL	336°, 37%, 53%
HSV	336°, 50%, 70%
XYZ	25.8645, 18.2091, 21.5535
YIQ	120.0140, 42.0840, 30.2760

# Conversions

## Conversions Part 2

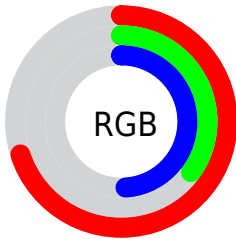
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 89, 125
Decimal	11753853
CIE <sub>Lab</sub>	49.75, 40.61, -3.20
CIE <sub>LCh</sub>	50, 40.736, 355.494
Yxy	18.2091, 0.3941, 0.2775
Android (android.graphics.Color)	4289943933 (0xFFB3597D)
YUV	120.0140, 2.4581, 51.7307
Hunter-Lab	42.6722, 33.5162, -0.0766

# Details

The RGB color **179, 89, 125** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **89, 179, 143**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **237, 142, 178**, and **123, 38, 76** is the 20% darker color. If you saturate the color by 10%, you get **179, 71, 114**, and if you desaturate by 10%, it is **179, 107, 136**.

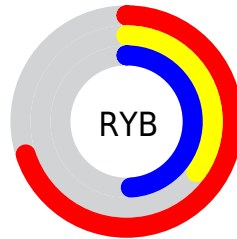
# Distribution



Red (70%)

Green (35%)

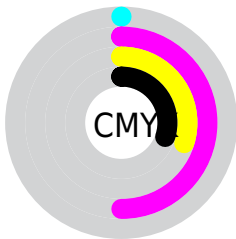
Blue (49%)



Red (70%)

Yellow (35%)

Blue (49%)

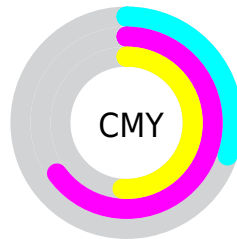


Cyan (0%)

Magenta (50%)

Yellow (30%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 179, 89, 125 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 179, 89, 125 by changing the saturation by 10% instead.





179, 89, 125



179, 89, 125

255, 255, 255



151, 63, 100



237, 142, 178



123, 38, 76



255, 169, 205



97, 7, 54



255, 197, 233



70, 0, 32



255, 225, 255



49, 0, 9

255, 254, 255



0, 0, 0



179, 89, 125



179, 89, 125



179, 71, 114



179, 107, 136



179, 53, 104



179, 125, 146

179, 35, 93

179, 143, 157

179, 17, 82

179, 161, 168

179, 0, 72

179, 179, 179

179, 196, 189

179, 214, 200

179, 232, 211

179, 250, 222

# Harmonies

## Analogous

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



156, 98, 158



179, 89, 125



182, 91, 90

# Triad

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



179, 89, 125



109, 125, 53



0, 132, 175

# Complementary

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



179, 89, 125



89, 179, 143

# 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, 135, 147



179, 89, 125



66, 132, 78

# Square

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



179, 89, 125



143, 115, 47



0, 135, 112



32, 124, 187

# Rectangle

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



179, 89, 125



175, 98, 70



0, 135, 112



0, 133, 167



# Sweetspot

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



179, 89, 125



232, 197, 211



143, 89, 179



117, 96, 105



245, 245, 245



117, 117, 117



# Same Dimension

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



179, 89, 125



232, 93, 149



179, 98, 89



89, 80, 84



153, 0, 61



26, 0, 10



# Inverse Universe

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



179, 89, 125



232, 93, 149



89, 170, 179



89, 80, 84



153, 0, 61



26, 0, 10



# Previews

## White Background



This preview shows how the RGB color 179, 89, 125 looks on a white background.

## Color Contrast Check

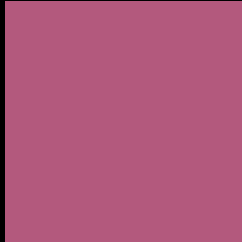
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 89, 125 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 179, 89, 125 Background



This preview shows how black text looks on a background with the RGB color 179, 89, 125.

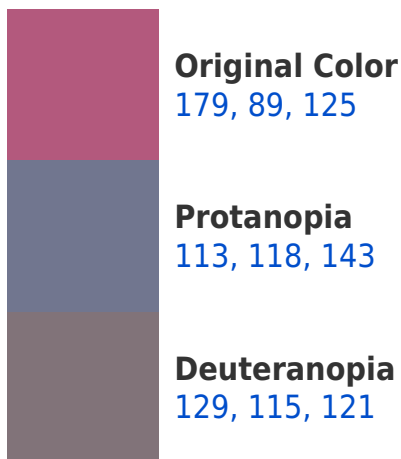


This preview shows how white text looks on a background with the RGB color 179, 89, 125.

# 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**  
177, 94, 100

# Trichromacy



**Original Color**

179, 89, 125

**Protanomaly**

137, 107, 136

**Deuteranomaly**

147, 106, 122

**Tritanomaly**

178, 92, 109

# Monochromacy



**Original Color**

179, 89, 125

**Achromatopsia**

120, 120, 120

**Achromatomaly**

141, 109, 122

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 179, 89, 125 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(179, 89, 125)` looks like.

```
.text, #text, p{  
    color:rgb(179, 89, 125)  
}
```

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(179, 89, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 89, 125) }
```

## Border

The CSS property to change the border of an element to RGB 179, 89, 125 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(179, 89, 125) }
```

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

```
.border{ border-color:rgb(179, 89, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 89, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 89, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 89, 125); box-shadow:4px 4px 4px 4px rgb(179, 89, 125) }
```

# Background

The CSS property to change the background color of an element to RGB 179, 89, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 89, 125) }
```

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

```
.background{ background-color: rgb(179, 89,  
125) }
```

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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