

Converting Colors

RGB(189, 118, 175)

Have a look what the booklet for
RGB(189, 118, 175) contains.

RGB(189, 118, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(189, 118, 175)

Conversions

Conversions Part 1

Format	Color
Hex	BD76AF
RGB	189, 118, 175
RGB Percent	74%, 46%, 69%
CMY	0.2588, 0.5373, 0.3137
CMYK	0.00, 0.38, 0.07, 0.26
HSL	312°, 35%, 60%
HSV	312°, 38%, 74%
XYZ	35.2026, 26.8708, 43.8887
YIQ	145.7270, 24.0190, 32.7790

Conversions

Conversions Part 2

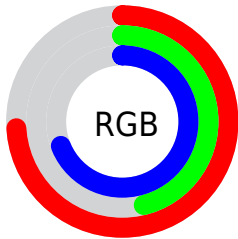
Format	Color
RYB	189, 118, 175
Decimal	12416687
CIELab	58.85, 36.42, -18.68
CIElCh	59, 40.934, 332.850
Yxy	26.8708, 0.3322, 0.2536
Android (android.graphics.Color)	4290606767 (0xFFBD76AF)
YUV	145.7270, 14.4316, 37.9504
Hunter-Lab	51.8371, 30.5045, -13.9128

Details

The RGB color **189, 118, 175** is a light color, and the websafe version is hex **996699**. A complement of this color would be **118, 189, 132**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **246, 171, 231**, and **134, 67, 122** is the 20% darker color. If you saturate the color by 10%, you get **189, 99, 171**, and if you desaturate by 10%, it is **189, 137, 179**.

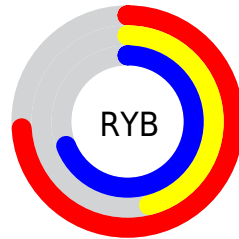
Distribution



Red (74%)

Green (46%)

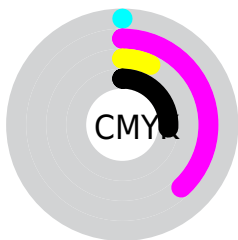
Blue (69%)



Red (74%)

Yellow (46%)

Blue (69%)

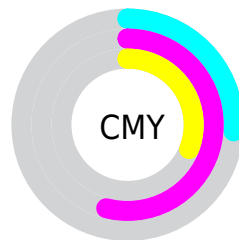


Cyan (0%)

Magenta (38%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 118, 175 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 189, 118, 175 by changing the saturation by 10% instead.


 189, 118, 175


255, 255, 255

 246, 171, 231

 255, 199, 255

 255, 228, 255

 189, 118, 175

 161, 92, 148

 134, 67, 122

 108, 43, 97

 82, 17, 73


 58, 0, 51

 38, 0, 30

 0, 0, 0

 189, 118, 175


 189, 99, 171

 189, 118, 175

 189, 137, 179

 189, 80, 168

 189, 156, 182

 189, 61, 164

 189, 175, 186

 189, 42, 160

 189, 194, 190

 189, 23, 156

 189, 213, 194

 189, 5, 153

 189, 231, 197

 189, 0, 152

 189, 250, 201

 189, 255, 205

 189, 255, 209

Harmonies

Analogous

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



149, 131, 202



189, 118, 175



208, 112, 140

Triad

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



189, 118, 175



160, 141, 68



0, 159, 179

Complementary

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



189, 118, 175



118, 189, 132

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, 160, 144



189, 118, 175



123, 151, 79

Square

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



189, 118, 175



190, 128, 78



77, 157, 108



0, 154, 205

Rectangle

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



189, 118, 175



210, 114, 116



77, 157, 108



0, 160, 168

Sweetspot

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



189, 118, 175



245, 218, 239



131, 118, 189



122, 106, 119



250, 250, 250



122, 122, 122

Same Dimension

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



189, 118, 175



245, 135, 223



189, 118, 140



94, 85, 92



158, 0, 127



31, 0, 25

Inverse Universe

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



189, 118, 175



245, 135, 223



118, 189, 167



94, 85, 92



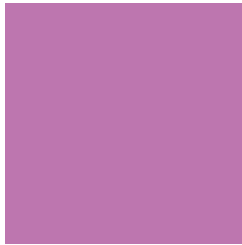
158, 0, 127



31, 0, 25

Previews

White Background



This preview shows how the RGB color 189, 118, 175 looks on a white background.

Color Contrast Check

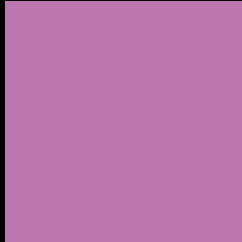
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 118, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

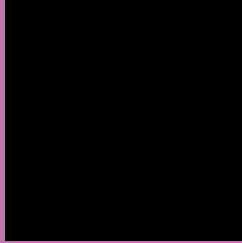
Any Text WCAG AA ✓ Pass

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 189, 118, 175 Background



This preview shows how black text looks on a background with the RGB color 189, 118, 175.



This preview shows how white text looks on a background with the RGB color 189, 118, 175.

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
189, 118, 175

Protanopia
128, 140, 191

Deuteranopia
141, 139, 171



Tritanopia
184, 126, 135

Trichromacy



Original Color

189, 118, 175



Protanomaly

150, 132, 185



Deuteranomaly

158, 131, 172



Tritanomaly

186, 123, 150

Monochromacy



Original Color

189, 118, 175



Achromatopsia

146, 146, 146



Achromatomaly

162, 136, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 118, 175 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(189, 118, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 118, 175)  
}
```

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(189, 118, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 118, 175) }
```

Border

The CSS property to change the border of an element to RGB 189, 118, 175 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(189, 118, 175) }
```

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

```
.border{ border-color:rgb(189, 118, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 118, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 118, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 118, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 118,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 189, 118, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 118, 175) }
```

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

```
.background{ background-color: rgb(189,  
118, 175) }
```

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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