

Converting Colors

RGB(189, 158, 235)

Have a look what the booklet for
RGB(189, 158, 235) contains.

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Color

RGB(189, 158, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BD9EEB
RGB	189, 158, 235
RGB Percent	74%, 62%, 92%
CMY	0.2588, 0.3804, 0.0784
CMYK	0.20, 0.33, 0.00, 0.08
HSL	264°, 66%, 77%
HSV	264°, 33%, 92%
XYZ	48.2085, 41.2707, 84.0224
YIQ	176.0470, -6.2410, 30.5190

Conversions

Conversions Part 2

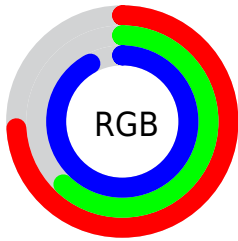
Format	Color
RYB	189, 158, 235
Decimal	12426987
CIELab	70.37, 26.48, -34.54
CIELCh	70, 43.526, 307.480
Yxy	41.2707, 0.2779, 0.2379
Android (android.graphics.Color)	4290617067 (0xFFBD9EEB)
YUV	176.0470, 29.0638, 11.3598
Hunter-Lab	64.2423, 21.5255, -32.5758

Details

The RGB color **189, 158, 235** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **204, 235, 158**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **246, 213, 255**, and **134, 106, 179** is the 20% darker color. If you saturate the color by 10%, you get **175, 135, 235**, and if you desaturate by 10%, it is **203, 182, 235**.

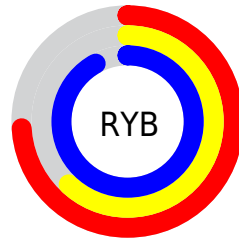
Distribution



Red (74%)

Green (62%)

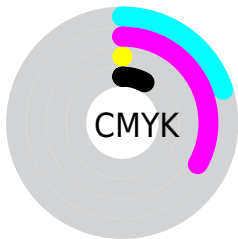
Blue (92%)



Red (74%)

Yellow (62%)

Blue (92%)

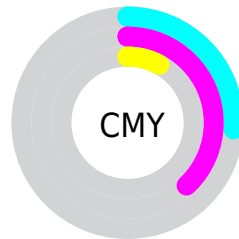


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (38%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 158, 235 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, 158, 235 by changing the saturation by 10% instead.

■ 189, 158, 235

255, 255, 255

■ 246, 213, 255

■ 255, 241, 255

■ 189, 158, 235

■ 161, 132, 207

■ 134, 106, 179

■ 108, 82, 152

■ 83, 58, 126

■ 58, 36, 100

■ 33, 15, 76

■ 15, 0, 53


■ 0, 2, 31


■ 0, 0, 2

 189, 158, 235

 189, 158, 235

 175, 135, 235


 203, 182, 235

 161, 111, 235

 217, 205, 235

 147, 88, 235


 231, 229, 235

 133, 64, 235

 245, 252, 235

 119, 41, 235

 255, 255, 235

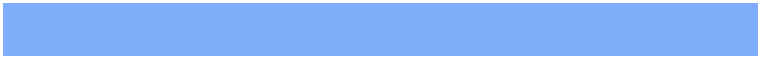
 105, 17, 235

 95, 0, 235

Harmonies

Analogous

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



128, 173, 250



189, 158, 235



229, 145, 203

Triad

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



189, 158, 235



222, 159, 99



0, 193, 181

Complementary

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



189, 158, 235



204, 235, 158

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.



94, 190, 140



189, 158, 235



187, 173, 92

Square

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



189, 158, 235



243, 146, 126



145, 184, 108



0, 191, 219

Rectangle

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



189, 158, 235



244, 140, 177



145, 184, 108



45, 193, 167

Sweetspot

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



189, 158, 235



240, 230, 255



158, 204, 235



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 158, 235



196, 156, 255



227, 158, 235



110, 106, 117



73, 0, 181



22, 0, 54

Inverse Universe

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



235, 158, 204



255, 156, 215



166, 235, 158



117, 106, 113



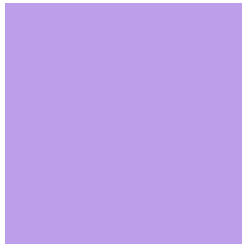
181, 0, 108



54, 0, 32

Previews

White Background



This preview shows how the RGB color 189, 158, 235 looks on a white background.

Color Contrast Check

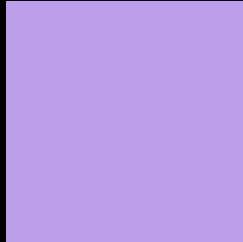
Large Text (above 18pt) WCAG AA × Fail

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, 158, 235 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 189, 158, 235 Background



This preview shows how black text looks on a background with the RGB color 189, 158, 235.




This preview shows how white text looks on a background with the RGB color 189, 158, 235.

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
180, 169, 182

Trichromacy



Original Color
189, 158, 235

Protanomaly
164, 166, 241

Deuteranomaly
167, 166, 234

Tritanomaly
183, 165, 201

Monochromacy



Original Color
189, 158, 235

Achromatopsia
176, 176, 176

Achromatomaly
181, 169, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 158, 235 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, 158, 235)` looks like.

```
.text, #text, p{  
    color:rgb(189, 158, 235)  
}
```

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, 158, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 158, 235) }
```

Border

The CSS property to change the border of an element to RGB 189, 158, 235 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, 158, 235) }
```

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

```
.border{ border-color:rgb(189, 158, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 158, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 158, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 158, 235);  
box-shadow:4px 4px 4px 4px rgb(189, 158,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 189, 158, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 158, 235) }
```

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

```
.background{ background-color: rgb(189,  
158, 235) }
```

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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