

Converting Colors

RGB(187, 108, 159)

Have a look what the booklet for
RGB(187, 108, 159) contains.

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Color

RGB(187, 108, 159)

Conversions

Conversions Part 1

Format	Color
Hex	BB6C9F
RGB	187, 108, 159
RGB Percent	73%, 42%, 62%
CMY	0.2667, 0.5765, 0.3765
CMYK	0.00, 0.42, 0.15, 0.27
HSL	321°, 37%, 58%
HSV	321°, 42%, 73%
XYZ	32.1141, 23.7931, 35.7008
YIQ	137.4350, 30.7130, 32.6090

Conversions

Conversions Part 2

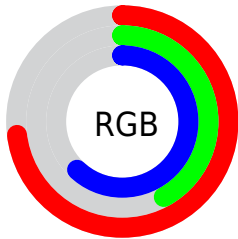
Format	Color
RYB	187, 108, 159
Decimal	12283039
CIELab	55.88, 38.42, -13.98
CIELCh	56, 40.885, 340.004
Yxy	23.7931, 0.3506, 0.2597
Android (android.graphics.Color)	4290473119 (0xFFBB6C9F)
YUV	137.4350, 10.6315, 43.4685
Hunter-Lab	48.7782, 32.1572, -9.2497

Details

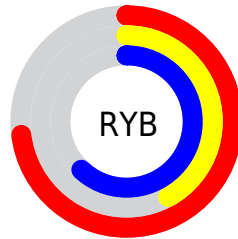
The RGB color **187, 108, 159** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **108, 187, 136**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **245, 161, 214**, and **132, 57, 108** is the 20% darker color. If you saturate the color by 10%, you get **187, 89, 152**, and if you desaturate by 10%, it is **187, 127, 166**.

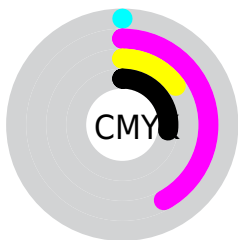
Distribution



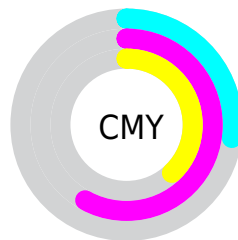
- Red (73%)
- Green (42%)
- Blue (62%)



- Red (73%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 108, 159 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 187, 108, 159 by changing the saturation by 10% instead.

 187, 108, 159

255, 255, 255

 245, 161, 214

 255, 189, 242

 255, 217, 255

 255, 246, 255

 187, 108, 159

 159, 82, 133

 132, 57, 108

 106, 32, 83

 80, 2, 60

 55, 0, 38

 31, 0, 16

 0, 0, 0

 187, 108, 159

 187, 89, 152

 187, 108, 159

 187, 127, 166

187, 71, 146

187, 145, 172

187, 52, 139

187, 164, 179

187, 33, 132

187, 183, 186

187, 14, 126

187, 202, 192

187, 0, 121

187, 220, 199

187, 239, 205

187, 255, 212

187, 255, 219

Harmonies

Analogous

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



152, 120, 188



187, 108, 159



201, 104, 123

Triad

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



187, 108, 159



144, 136, 62



0, 150, 179

Complementary

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



187, 108, 159



108, 187, 136

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, 152, 145



187, 108, 159



105, 145, 78

Square

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



187, 108, 159



175, 123, 67



54, 150, 108



0, 144, 200

Rectangle

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



187, 108, 159



199, 108, 100



54, 150, 108



0, 151, 168

Sweetspot

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



187, 108, 159



242, 211, 231



136, 108, 187



122, 103, 115



250, 250, 250



122, 122, 122

Same Dimension

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



187, 108, 159



242, 119, 198



187, 108, 120



94, 85, 91



158, 0, 102



31, 0, 20

Inverse Universe

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



187, 108, 159



242, 119, 198



108, 187, 175



94, 85, 91



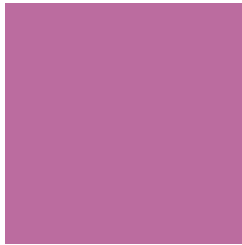
158, 0, 102



31, 0, 20

Previews

White Background



This preview shows how the RGB color 187, 108, 159 looks on a white background.

Color Contrast Check

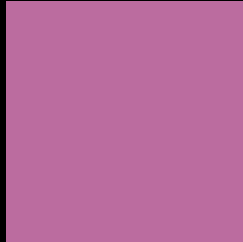
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 108, 159 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 187, 108, 159 Background



This preview shows how black text looks on a background with the RGB color 187, 108, 159.

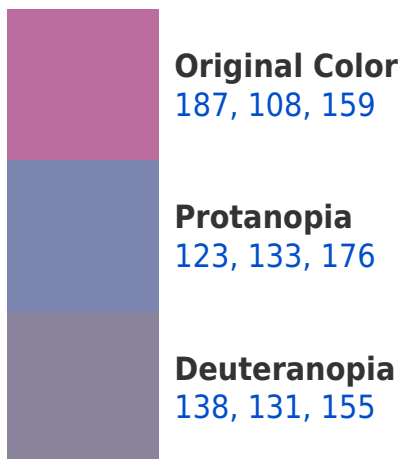



This preview shows how white text looks on a background with the RGB color 187, 108, 159.

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
183, 115, 124

Trichromacy



Original Color
187, 108, 159

Protanomaly
146, 124, 170

Deuteranomaly
156, 123, 156

Tritanomaly
184, 112, 137

Monochromacy



Original Color
187, 108, 159

Achromatopsia
137, 137, 137

Achromatomaly
155, 126, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 108, 159 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(187, 108, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 108, 159)  
}
```

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(187, 108, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 108, 159) }
```

Border

The CSS property to change the border of an element to RGB 187, 108, 159 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(187, 108, 159) }
```

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

```
.border{ border-color:rgb(187, 108, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 108, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 108, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 108, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 108,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 187, 108, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 108, 159) }
```

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

```
.background{ background-color: rgb(187,  
108, 159) }
```

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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