

Converting Colors

RGB(188, 105, 135)

Have a look what the booklet for
RGB(188, 105, 135) contains.

RGB(188, 105, 135)	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(188, 105, 135)

Conversions

Conversions Part 1

Format	Color
Hex	BC6987
RGB	188, 105, 135
RGB Percent	74%, 41%, 53%
CMY	0.2627, 0.5882, 0.4706
CMYK	0.00, 0.44, 0.28, 0.26
HSL	338°, 38%, 57%
HSV	338°, 44%, 74%
XYZ	30.1638, 22.5438, 25.6832
YIQ	133.2370, 39.8380, 26.9260

Conversions

Conversions Part 2

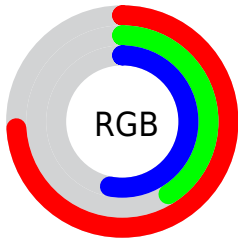
Format	Color
R_{YB}	188, 105, 135
Decimal	12347783
CIE _{Lab}	54.60, 36.74, -1.85
CIE _{LCh}	55, 36.790, 357.116
Yxy	22.5438, 0.3848, 0.2876
Android (android.graphics.Color)	4290537863 (0xFFBC6987)
YUV	133.2370, 0.8692, 48.0272
Hunter-Lab	47.4803, 30.3089, 1.1648

Details

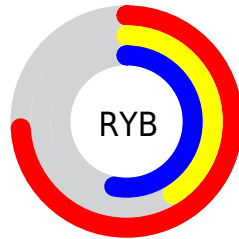
The RGB color **188, 105, 135** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **105, 188, 158**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **246, 158, 188**, and **132, 55, 85** is the 20% darker color. If you saturate the color by 10%, you get **188, 86, 123**, and if you desaturate by 10%, it is **188, 124, 147**.

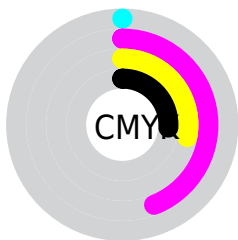
Distribution



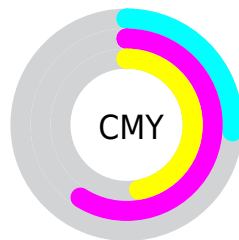
- Red (74%)
- Green (41%)
- Blue (53%)



- Red (74%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (26%)



- Cyan (26%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 105, 135 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 188, 105, 135 by changing the saturation by 10% instead.

 188, 105, 135

255, 255, 255

 246, 158, 188

 255, 185, 216

 255, 213, 244

 255, 242, 255

 188, 105, 135

 160, 80, 110

 132, 55, 85

 106, 29, 62


 79, 0, 41

 54, 0, 20

 27, 0, 1

 0, 0, 0

 188, 105, 135

 188, 86, 123

 188, 105, 135

 188, 124, 147

188, 67, 111

188, 143, 159

188, 49, 99

188, 161, 171

188, 30, 87

188, 180, 183

188, 11, 75

188, 199, 195

188, 0, 68

188, 218, 207

188, 237, 219

188, 255, 231

188, 255, 243

Harmonies

Analogous

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



167, 112, 166



188, 105, 135



191, 107, 103

Triad

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



188, 105, 135



121, 137, 72



0, 143, 183

Complementary

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



188, 105, 135



105, 188, 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.



0, 147, 159



188, 105, 135



83, 144, 95

Square

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



188, 105, 135



153, 128, 66



23, 147, 126



72, 135, 194

Rectangle

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



188, 105, 135



183, 113, 85



23, 147, 126



0, 144, 176

Sweetspot

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



188, 105, 135



245, 213, 224



158, 105, 188



122, 103, 110



250, 250, 250



122, 122, 122

Same Dimension

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



188, 105, 135



245, 115, 162



188, 116, 105



94, 85, 88



158, 0, 57



31, 0, 11

Inverse Universe

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



188, 105, 135



245, 115, 162



105, 177, 188



94, 85, 88



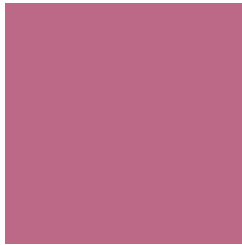
158, 0, 57



31, 0, 11

Previews

White Background



This preview shows how the RGB color 188, 105, 135 looks on a white background.

Color Contrast Check

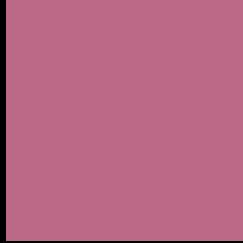
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 105, 135 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 188, 105, 135 Background



This preview shows how black text looks on a background with the RGB color 188, 105, 135.

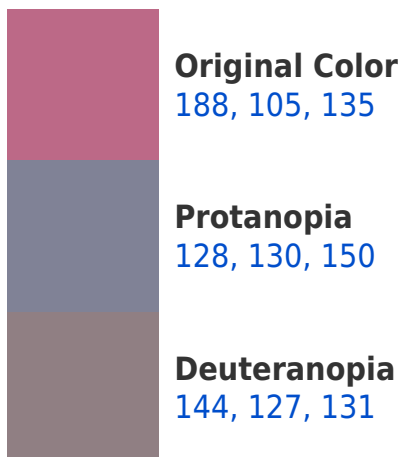



This preview shows how white text looks on a background with the RGB color 188, 105, 135.

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
186, 108, 116

Trichromacy



Original Color
188, 105, 135

Protanomaly
150, 121, 145

Deuteranomaly
160, 119, 132

Tritanomaly
187, 107, 123

Monochromacy



Original Color
188, 105, 135

Achromatopsia
133, 133, 133

Achromatomaly
153, 123, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 105, 135 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(188, 105, 135)` looks like.

```
.text, #text, p{  
    color:rgb(188, 105, 135)  
}
```

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(188, 105, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 105, 135) }
```

Border

The CSS property to change the border of an element to RGB 188, 105, 135 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(188, 105, 135) }
```

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

```
.border{ border-color:rgb(188, 105, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 105, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 105, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 105, 135); box-shadow:4px 4px 4px 4px rgb(188, 105, 135) }
```

Background

The CSS property to change the background color of an element to RGB 188, 105, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 105, 135) }
```

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

```
.background{ background-color: rgb(188,  
105, 135) }
```

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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