

Converting Colors

RGB(188, 97, 145)

Have a look what the booklet for
RGB(188, 97, 145) contains.

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Color

RGB(188, 97, 145)

Conversions

Conversions Part 1

Format	Color
Hex	BC6191
RGB	188, 97, 145
RGB Percent	74%, 38%, 57%
CMY	0.2627, 0.6196, 0.4314
CMYK	0.00, 0.48, 0.23, 0.26
HSL	328°, 40%, 56%
HSV	328°, 48%, 74%
XYZ	30.1246, 21.2851, 29.3088
YIQ	129.6810, 38.8280, 34.2200

Conversions

Conversions Part 2

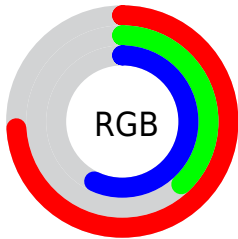
Format	Color
R_{YB}	188, 97, 145
Decimal	12345745
CIE _{Lab}	53.26, 42.37, -9.72
CIE _{LCh}	53, 43.469, 347.078
Yxy	21.2851, 0.3732, 0.2637
Android (android.graphics.Color)	4290535825 (0xFFBC6191)
YUV	129.6810, 7.5523, 51.1458
Hunter-Lab	46.1358, 35.8148, -5.3702

Details

The RGB color **188, 97, 145** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **97, 188, 140**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **246, 150, 199**, and **132, 45, 95** is the 20% darker color. If you saturate the color by 10%, you get **188, 78, 136**, and if you desaturate by 10%, it is **188, 116, 154**.

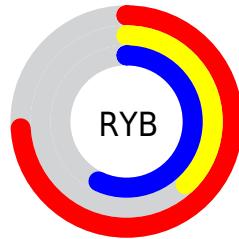
Distribution



Red (74%)

Green (38%)

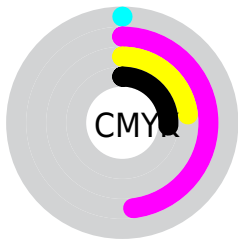
Blue (57%)



Red (74%)

Yellow (38%)

Blue (57%)

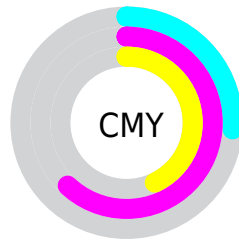


Cyan (0%)

Magenta (48%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RGB color 188, 97, 145 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, 97, 145 by changing the saturation by 10% instead.

 188, 97, 145

 188, 97, 145

255, 255, 255

 160, 71, 119

 246, 150, 199

 132, 45, 95

 255, 178, 227

 105, 17, 71

 255, 206, 255

 79, 0, 48

 255, 234, 255


 55, 0, 28


 26, 0, 1

 0, 0, 0

 188, 97, 145

 188, 97, 145

 188, 78, 136

 188, 116, 154

188, 59, 127

188, 135, 163

188, 41, 118

188, 153, 172

188, 22, 109

188, 172, 181

188, 3, 101

188, 191, 189

188, 0, 99

188, 210, 198

188, 229, 207

188, 247, 216

188, 255, 225

Harmonies

Analogous

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



157, 109, 178



188, 97, 145



197, 96, 107

Triad

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



188, 97, 145



128, 132, 52



0, 143, 181

Complementary

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



188, 97, 145



97, 188, 140

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, 146, 148



188, 97, 145



85, 140, 74

Square

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



188, 97, 145



162, 119, 52



0, 145, 109



0, 136, 200

Rectangle

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



188, 97, 145



192, 101, 84



0, 145, 109



0, 145, 171

Sweetspot

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



188, 97, 145



245, 208, 227



139, 97, 188



122, 100, 112



250, 250, 250



122, 122, 122

Same Dimension

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



188, 97, 145



245, 103, 178



188, 97, 100



94, 85, 90



158, 0, 83



31, 0, 16

Inverse Universe

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



188, 97, 145



245, 103, 178



97, 188, 185



94, 85, 90



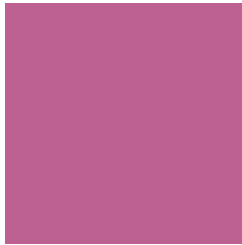
158, 0, 83



31, 0, 16

Previews

White Background



This preview shows how the RGB color 188, 97, 145 looks on a white background.

Color Contrast Check

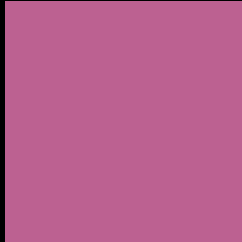
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

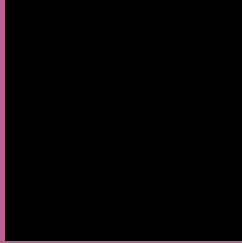
Any Text WCAG AA ✓ Pass

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, 97, 145 Background



This preview shows how black text looks on a background with the RGB color 188, 97, 145.

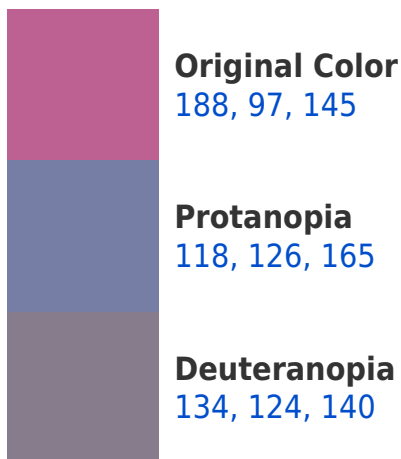



This preview shows how white text looks on a background with the RGB color 188, 97, 145.

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
185, 104, 111

Trichromacy



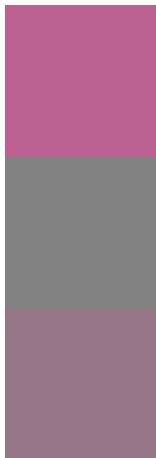
Original Color
188, 97, 145

Protanomaly
143, 115, 158

Deuteranomaly
154, 114, 142

Tritanomaly
186, 101, 123

Monochromacy



Original Color
188, 97, 145

Achromatopsia
130, 130, 130

Achromatomaly
151, 118, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 97, 145 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, 97, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 97, 145)  
}
```

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, 97, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 97, 145) }
```

Border

The CSS property to change the border of an element to RGB 188, 97, 145 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, 97, 145) }
```

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

```
.border{ border-color:rgb(188, 97, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 97, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 97, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 97, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 97,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 188, 97, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 97, 145) }
```

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

```
.background{ background-color: rgb(188, 97,  
145) }
```

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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