

Converting Colors

RGB(188, 116, 182)

Have a look what the booklet for
RGB(188, 116, 182) contains.

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Color

RGB(188, 116, 182)

Conversions

Conversions Part 1

Format	Color
Hex	BC74B6
RGB	188, 116, 182
RGB Percent	74%, 45%, 71%
CMY	0.2627, 0.5451, 0.2863
CMYK	0.00, 0.38, 0.03, 0.26
HSL	305°, 35%, 60%
HSV	305°, 38%, 74%
XYZ	35.4279, 26.5595, 47.5152
YIQ	145.0520, 21.7260, 35.7900

Conversions

Conversions Part 2

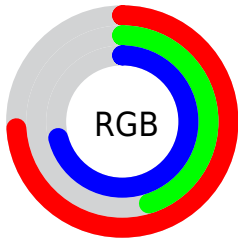
Format	Color
R _Y B	188, 116, 182
Decimal	12350646
CIE Lab	58.56, 38.44, -23.14
CIE LCh	59, 44.867, 328.951
Yxy	26.5595, 0.3235, 0.2425
Android (android.graphics.Color)	4290540726 (0xFFBC74B6)
YUV	145.0520, 18.2154, 37.6654
Hunter-Lab	51.5360, 32.5203, -18.5891

Details

The RGB color **188, 116, 182** is a light color, and the websafe version is hex **996699**. A complement of this color would be **116, 188, 122**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **245, 169, 238**, and **133, 65, 129** is the 20% darker color. If you saturate the color by 10%, you get **188, 97, 180**, and if you desaturate by 10%, it is **188, 135, 184**.

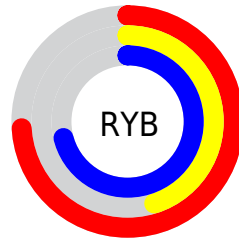
Distribution



Red (74%)

Green (45%)

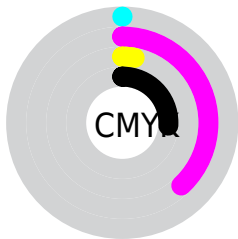
Blue (71%)



Red (74%)

Yellow (45%)

Blue (71%)

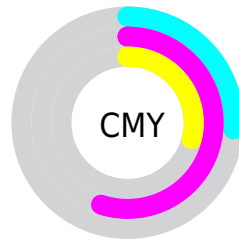


Cyan (0%)

Magenta (38%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RGB color 188, 116, 182 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, 116, 182 by changing the saturation by 10% instead.

 188, 116, 182

255, 255, 255

 245, 169, 238

 255, 197, 255

 255, 226, 255


255, 255, 255

 188, 116, 182

 160, 90, 155

 133, 65, 129

 107, 41, 104

 81, 14, 79

 57, 0, 56


 36, 0, 35


 0, 0, 8


 0, 0, 0

 188, 116, 182

 188, 116, 182

 188, 97, 180

 188, 135, 184

 188, 78, 179


 188, 154, 185

 188, 60, 177

 188, 172, 187

 188, 41, 176

 188, 191, 188

 188, 22, 174

 188, 210, 190

 188, 3, 173

 188, 229, 191

 188, 0, 172

 188, 248, 193

 188, 255, 195

 188, 255, 196

Harmonies

Analogous

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



141, 131, 210



188, 116, 182



212, 107, 144

Triad

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



188, 116, 182



165, 138, 59



0, 160, 178

Complementary

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



188, 116, 182



116, 188, 122

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, 161, 138



188, 116, 182



125, 150, 69

Square

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



188, 116, 182



196, 124, 74



75, 157, 99



0, 155, 207

Rectangle

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



188, 116, 182



215, 109, 117



75, 157, 99



0, 161, 165

Sweetspot

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



188, 116, 182



245, 218, 243



122, 116, 188



122, 106, 121



250, 250, 250



122, 122, 122

Same Dimension

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



188, 116, 182



245, 132, 235



188, 116, 146



94, 85, 94



158, 0, 145



31, 0, 28

Inverse Universe

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



188, 116, 182



245, 132, 235



116, 188, 158



94, 85, 94



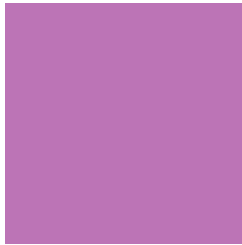
158, 0, 145



31, 0, 28

Previews

White Background



This preview shows how the RGB color 188, 116, 182 looks on a white background.

Color Contrast Check

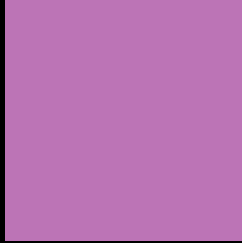
Large Text (above 18pt) WCAG AA ✓ Pass

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, 116, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

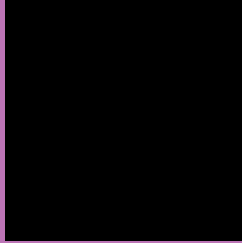
Any Text WCAG AA ✓ Pass

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, 116, 182 Background



This preview shows how black text looks on a background with the RGB color 188, 116, 182.

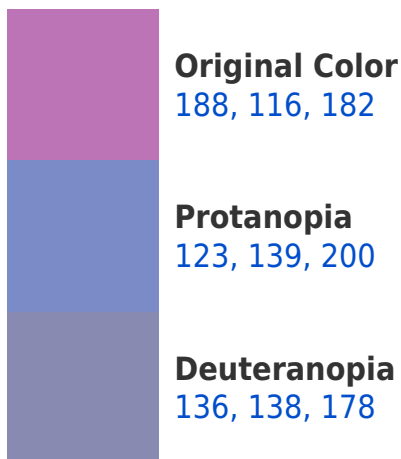


This preview shows how white text looks on a background with the RGB color 188, 116, 182.

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
182, 126, 135

Trichromacy



Original Color

188, 116, 182



Protanomaly

147, 131, 193



Deuteranomaly

155, 130, 179



Tritanomaly

184, 122, 152

Monochromacy



Original Color

188, 116, 182



Achromatopsia

145, 145, 145



Achromatomaly

161, 134, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 116, 182 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, 116, 182)` looks like.

```
.text, #text, p{  
    color:rgb(188, 116, 182)  
}
```

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, 116, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 116, 182) }
```

Border

The CSS property to change the border of an element to RGB 188, 116, 182 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, 116, 182) }
```

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

```
.border{ border-color:rgb(188, 116, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 116, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 116, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 116, 182);  
box-shadow:4px 4px 4px 4px rgb(188, 116,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 188, 116, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 116, 182) }
```

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

```
.background{ background-color: rgb(188,  
116, 182) }
```

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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