

Converting Colors

RGB(181, 108, 170)

Have a look what the booklet for
RGB(181, 108, 170) contains.

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Color

RGB(181, 108, 170)

Conversions

Conversions Part 1

Format	Color
Hex	B56CAA
RGB	181, 108, 170
RGB Percent	71%, 42%, 67%
CMY	0.2902, 0.5765, 0.3333
CMYK	0.00, 0.40, 0.06, 0.29
HSL	309°, 33%, 57%
HSV	309°, 40%, 71%
XYZ	31.6743, 23.4512, 40.8873
YIQ	136.8950, 23.6060, 34.7580

Conversions

Conversions Part 2

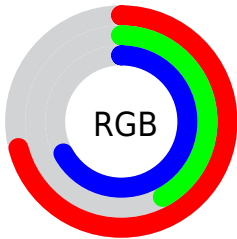
Format	Color
R _{YB}	181, 108, 170
Decimal	11889834
CIE _{Lab}	55.53, 38.32, -20.96
CIE _{LCh}	56, 43.672, 331.323
Y _{xy}	23.4512, 0.3299, 0.2443
Android (android.graphics.Color)	4290079914 (0xFFB56CAA)
YUV	136.8950, 16.3208, 38.6801
Hunter-Lab	48.4264, 32.0055, -16.1612

Details

The RGB color **181, 108, 170** is a light color, and the websafe version is hex **996699**. A complement of this color would be **108, 181, 119**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **238, 161, 225**, and **127, 58, 118** is the 20% darker color. If you saturate the color by 10%, you get **181, 90, 167**, and if you desaturate by 10%, it is **181, 126, 173**.

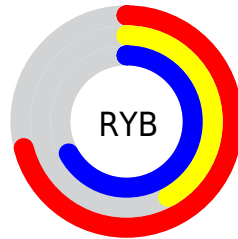
Distribution



Red (71%)

Green (42%)

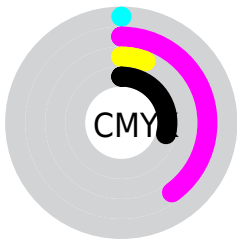
Blue (67%)



Red (71%)

Yellow (42%)

Blue (67%)

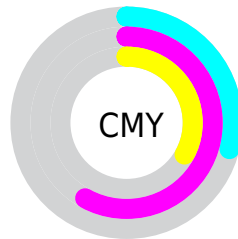


Cyan (0%)

Magenta (40%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RGB color 181, 108, 170 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 181, 108, 170 by changing the saturation by 10% instead.

 181, 108, 170

255, 255, 255

 238, 161, 225

 255, 189, 254

 255, 217, 255

 255, 246, 255

 181, 108, 170

 153, 83, 143

 127, 58, 118


 100, 33, 93


 75, 4, 69


 51, 0, 47

 26, 0, 26


 0, 0, 0


 181, 108, 170


 181, 90, 167


 181, 108, 170


 181, 126, 173


 181, 72, 165


 181, 144, 175


 181, 54, 162


 181, 162, 178


 181, 36, 159

 181, 180, 181


 181, 17, 156

 181, 199, 184

 181, 0, 154

 181, 217, 186

 181, 235, 189

 181, 253, 192

 181, 255, 195

Harmonies

Analogous

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



137, 122, 198



181, 108, 170



202, 101, 133

Triad

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



181, 108, 170



153, 132, 54



0, 151, 171

Complementary

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



181, 108, 170



108, 181, 119

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, 134



181, 108, 170



115, 142, 65

Square

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



181, 108, 170



184, 118, 67



64, 149, 95



0, 146, 199

Rectangle

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



181, 108, 170



204, 102, 108



64, 149, 95



0, 152, 159

Sweetspot

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



181, 108, 170



235, 206, 230



119, 108, 181



117, 101, 115



245, 245, 245



117, 117, 117

Same Dimension

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



181, 108, 170



235, 122, 218



181, 108, 134



89, 80, 88



153, 0, 130



26, 0, 22

Inverse Universe

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



181, 108, 170



235, 122, 218



108, 181, 155



89, 80, 88



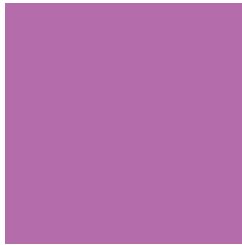
153, 0, 130



26, 0, 22

Previews

White Background



This preview shows how the RGB color 181, 108, 170 looks on a white background.

Color Contrast Check

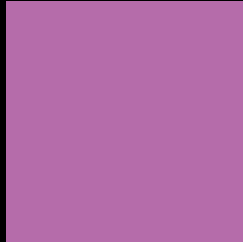
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 108, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

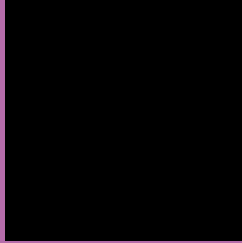
Any Text WCAG AA ✓ Pass

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 181, 108, 170 Background



This preview shows how black text looks on a background with the RGB color 181, 108, 170.

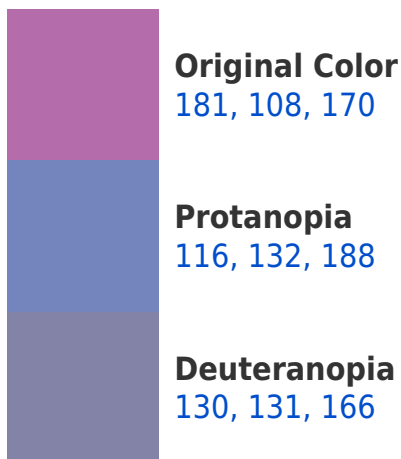


This preview shows how white text looks on a background with the RGB color 181, 108, 170.

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
176, 117, 126

Trichromacy



Original Color
181, 108, 170

Protanomaly
140, 123, 181

Deuteranomaly
149, 123, 167

Tritanomaly
178, 114, 142

Monochromacy



Original Color
181, 108, 170

Achromatopsia
137, 137, 137

Achromatomaly
153, 126, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 108, 170 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(181, 108, 170)` looks like.

```
.text, #text, p{  
    color:rgb(181, 108, 170)  
}
```

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(181, 108, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 108, 170) }
```

Border

The CSS property to change the border of an element to RGB 181, 108, 170 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(181, 108, 170) }
```

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

```
.border{ border-color:rgb(181, 108, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 108, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 108, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 108, 170);  
box-shadow:4px 4px 4px 4px rgb(181, 108,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 181, 108, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 108, 170) }
```

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

```
.background{ background-color: rgb(181,  
108, 170) }
```

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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