

Converting Colors

RGB(181, 118, 184)

Have a look what the booklet for
RGB(181, 118, 184) contains.

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Color

RGB(181, 118, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B576B8
RGB	181, 118, 184
RGB Percent	71%, 46%, 72%
CMY	0.2902, 0.5373, 0.2784
CMYK	0.02, 0.36, 0.00, 0.28
HSL	297°, 32%, 59%
HSV	297°, 36%, 72%
XYZ	34.1862, 26.2413, 48.6107
YIQ	144.3610, 16.3620, 33.8820

Conversions

Conversions Part 2

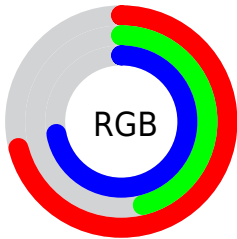
Format	Color
R_{YB}	181, 118, 184
Decimal	11892408
CIE _{Lab}	58.27, 35.47, -24.81
CIE _{LCh}	58, 43.291, 325.027
Yxy	26.2413, 0.3135, 0.2407
Android (android.graphics.Color)	4290082488 (0xFFB576B8)
YUV	144.3610, 19.5420, 32.1324
Hunter-Lab	51.2263, 29.4772, -20.4043

Details

The RGB color **181, 118, 184** is a light color, and the websafe version is hex **996699**. A complement of this color would be **121, 184, 118**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **238, 171, 240**, and **127, 68, 131** is the 20% darker color. If you saturate the color by 10%, you get **180, 100, 184**, and if you desaturate by 10%, it is **182, 136, 184**.

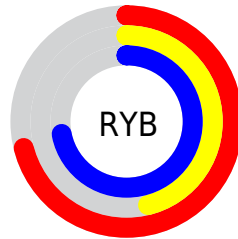
Distribution



Red (71%)

Green (46%)

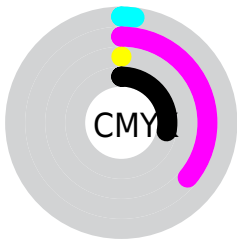
Blue (72%)



Red (71%)

Yellow (46%)

Blue (72%)

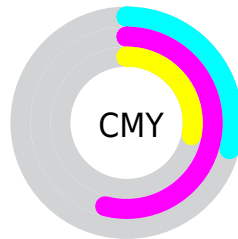


Cyan (2%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 118, 184 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, 118, 184 by changing the saturation by 10% instead.

 181, 118, 184

255, 255, 255

 238, 171, 240


 255, 199, 255


 255, 227, 255

 181, 118, 184

 154, 93, 157

 127, 68, 131

 101, 44, 105

 76, 19, 81

 51, 0, 58

 31, 0, 36

 0, 0, 11

 0, 0, 0


 181, 118, 184

 181, 118, 184

 180, 100, 184

 182, 136, 184


 179, 81, 184

 183, 155, 184

 178, 63, 184

 184, 173, 184

 178, 44, 184

 184, 192, 184

 177, 26, 184

 185, 210, 184

 176, 8, 184

 186, 228, 184

 176, 0, 184

 187, 247, 184

 188, 255, 184

 189, 255, 184

Harmonies

Analogous

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



133, 133, 209



181, 118, 184



207, 109, 148

Triad

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



181, 118, 184



168, 136, 63



0, 159, 171

Complementary

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



181, 118, 184



121, 184, 118

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, 159, 132



181, 118, 184



131, 147, 69

Square

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



181, 118, 184



196, 122, 79



85, 155, 95



0, 155, 201

Rectangle

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



181, 118, 184



212, 109, 122



85, 155, 95



0, 159, 158

Sweetspot

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



181, 118, 184



239, 213, 240



118, 121, 184



119, 104, 120



247, 247, 247



120, 120, 120

Same Dimension

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



181, 118, 184



235, 137, 240



184, 118, 154



91, 83, 92



148, 0, 156



27, 0, 28

Inverse Universe

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



184, 118, 121



240, 137, 141



118, 184, 148



92, 83, 83



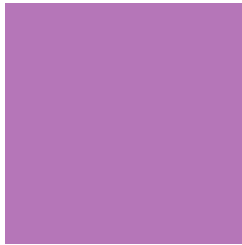
156, 0, 7



28, 0, 1

Previews

White Background



This preview shows how the RGB color 181, 118, 184 looks on a white background.

Color Contrast Check

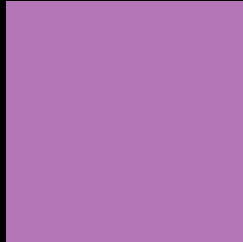
Large Text (above 18pt) WCAG AA ✓ Pass

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, 118, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

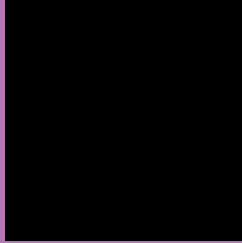
Any Text WCAG AA ✓ Pass

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, 118, 184 Background



This preview shows how black text looks on a background with the RGB color 181, 118, 184.

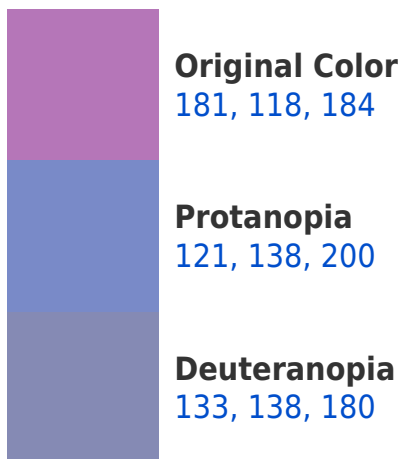


This preview shows how white text looks on a background with the RGB color 181, 118, 184.

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

175, 128, 137

Trichromacy



Original Color
181, 118, 184

Protanomaly
143, 131, 194

Deuteranomaly
150, 131, 181

Tritanomaly
177, 124, 154

Monochromacy



Original Color
181, 118, 184

Achromatopsia
144, 144, 144

Achromatomaly
157, 135, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 118, 184 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, 118, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 118, 184)  
}
```

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, 118, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 118, 184) }
```

Border

The CSS property to change the border of an element to RGB 181, 118, 184 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, 118, 184) }
```

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

```
.border{ border-color:rgb(181, 118, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 118, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 118, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 118, 184); box-shadow:4px 4px 4px 4px rgb(181, 118, 184) }
```

Background

The CSS property to change the background color of an element to RGB 181, 118, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 118, 184) }
```

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

```
.background{ background-color: rgb(181,  
118, 184) }
```

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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