

Converting Colors

RGB(181, 118, 152)

Have a look what the booklet for
RGB(181, 118, 152) contains.

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Color

RGB(181, 118, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B57698
RGB	181, 118, 152
RGB Percent	71%, 46%, 60%
CMY	0.2902, 0.5373, 0.4039
CMYK	0.00, 0.35, 0.16, 0.29
HSL	328°, 30%, 59%
HSV	328°, 35%, 71%
XYZ	31.2020, 25.0476, 32.8959
YIQ	140.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

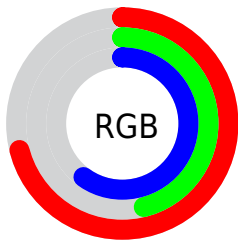
Format	Color
RYB	181, 118, 152
Decimal	11892376
CIELab	57.12, 29.74, -8.13
CIELCh	57, 30.831, 344.711
Yxy	25.0476, 0.3500, 0.2810
Android (android.graphics.Color)	4290082456 (0xFFB57698)
YUV	140.7130, 5.5645, 35.3317
Hunter-Lab	50.0476, 23.7018, -3.9376

Details

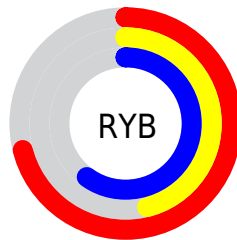
The RGB color **181, 118, 152** is a light color, and the websafe version is hex **996699**. A complement of this color would be **118, 181, 147**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **238, 171, 206**, and **127, 68, 101** is the 20% darker color. If you saturate the color by 10%, you get **181, 100, 144**, and if you desaturate by 10%, it is **181, 136, 160**.

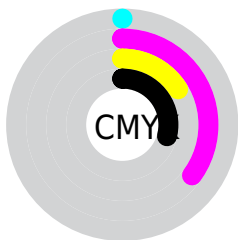
Distribution



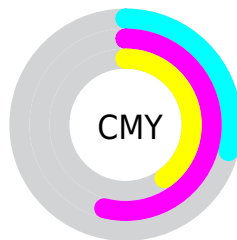
- Red (71%)
- Green (46%)
- Blue (60%)



- Red (71%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 118, 152 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, 152 by changing the saturation by 10% instead.

 181, 118, 152

255, 255, 255

 238, 171, 206


 255, 199, 234


 255, 227, 255

 181, 118, 152

 154, 93, 126

 127, 68, 101

 101, 44, 77

 76, 21, 54


 52, 0, 33

 29, 0, 8


 0, 0, 0


 181, 118, 152


 181, 100, 144


 181, 118, 152


 181, 136, 160


 181, 82, 135


 181, 154, 169

 181, 64, 127


 181, 172, 177


 181, 46, 119


 181, 190, 185


 181, 27, 110


 181, 209, 194


 181, 9, 102

 181, 227, 202

 181, 0, 98

 181, 245, 210

 181, 255, 219

 181, 255, 227

Harmonies

Analogous

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



157, 125, 175



181, 118, 152



190, 117, 125

Triad

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



181, 118, 152



142, 140, 84



36, 149, 174

Complementary

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



181, 118, 152



118, 181, 147

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.



43, 152, 150



181, 118, 152



112, 147, 98

Square

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



181, 118, 152



167, 131, 85



78, 151, 122



76, 144, 188

Rectangle

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



181, 118, 152



188, 120, 108



78, 151, 122



31, 150, 167

Sweetspot

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



181, 118, 152



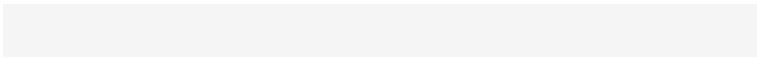
235, 211, 224



146, 118, 181



117, 103, 111



245, 245, 245



117, 117, 117

Same Dimension

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



181, 118, 152



235, 136, 189



181, 118, 121



89, 80, 85



153, 0, 83



26, 0, 14

Inverse Universe

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



181, 118, 152



235, 136, 189



118, 181, 178



89, 80, 85



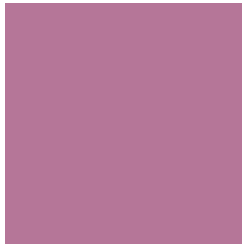
153, 0, 83



26, 0, 14

Previews

White Background



This preview shows how the RGB color 181, 118, 152 looks on a white background.

Color Contrast Check

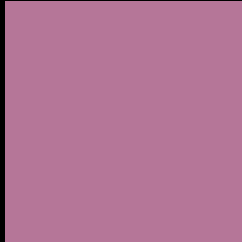
Large Text (above 18pt) WCAG AA ✓ Pass

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, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

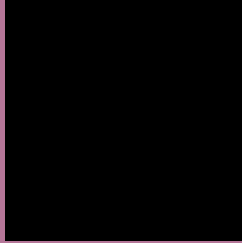
Any Text WCAG AA ✓ Pass

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, 152 Background



This preview shows how black text looks on a background with the RGB color 181, 118, 152.

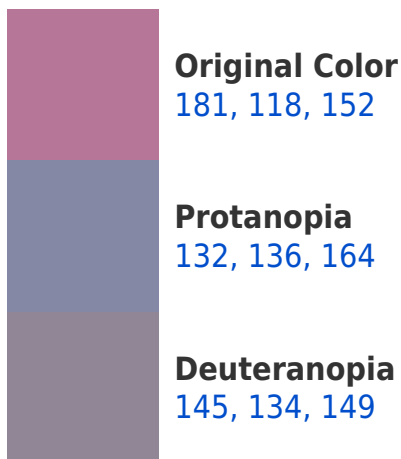


This preview shows how white text looks on a background with the RGB color 181, 118, 152.

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
179, 122, 131

Trichromacy



Original Color
181, 118, 152

Protanomaly
150, 129, 160

Deuteranomaly
158, 128, 150

Tritanomaly
180, 121, 139

Monochromacy



Original Color
181, 118, 152

Achromatopsia
141, 141, 141

Achromatomaly
156, 133, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 118, 152 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 118, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 118, 152) }
```

Border

The CSS property to change the border of an element to RGB 181, 118, 152 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, 152) }
```

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

```
.border{ border-color:rgb(181, 118, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 118, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 118, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 118,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 181, 118, 152 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, 152) }
```

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

```
.background{ background-color: rgb(181,  
118, 152) }
```

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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