

Converting Colors

RGB(181, 117, 145)

Have a look what the booklet for
RGB(181, 117, 145) contains.

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Color

RGB(181, 117, 145)

Conversions

Conversions Part 1

Format	Color
Hex	B57591
RGB	181, 117, 145
RGB Percent	71%, 46%, 57%
CMY	0.2902, 0.5412, 0.4314
CMYK	0.00, 0.35, 0.20, 0.29
HSL	334°, 30%, 58%
HSV	334°, 35%, 71%
XYZ	30.5282, 24.5907, 29.9255
YIQ	139.3280, 29.1560, 22.2760

Conversions

Conversions Part 2

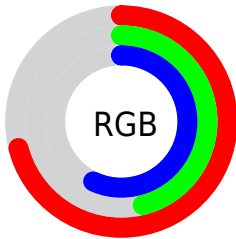
Format	Color
RYB	181, 117, 145
Decimal	11892113
CIELab	56.67, 29.17, -4.73
CIElCh	57, 29.549, 350.782
Yxy	24.5907, 0.3590, 0.2892
Android (android.graphics.Color)	4290082193 (0xFFB57591)
YUV	139.3280, 2.7963, 36.5463
Hunter-Lab	49.5890, 23.1082, -1.0675

Details

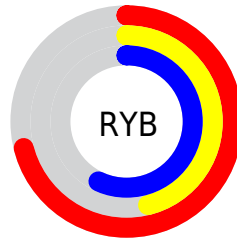
The RGB color **181, 117, 145** is a light color, and the websafe version is hex **996699**. A complement of this color would be **117, 181, 153**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **238, 170, 199**, and **127, 67, 95** is the 20% darker color. If you saturate the color by 10%, you get **181, 99, 135**, and if you desaturate by 10%, it is **181, 135, 155**.

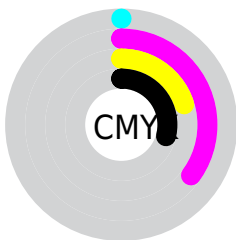
Distribution



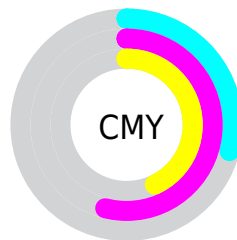
- Red (71%)
- Green (46%)
- Blue (57%)



- Red (71%)
- Yellow (46%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (29%)




- Cyan (29%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 117, 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 181, 117, 145 by changing the saturation by 10% instead.

 181, 117, 145


255, 255, 255


 238, 170, 199


 255, 197, 227

 255, 226, 255

255, 255, 255


 181, 117, 145

 181, 99, 135


 181, 117, 145

 154, 92, 119

 127, 67, 95


 101, 44, 71


 75, 20, 49


 51, 0, 28


 28, 0, 1


 0, 0, 0


 181, 117, 145


 181, 135, 155


 181, 81, 125

 181, 153, 165

 181, 63, 114


 181, 171, 176


 181, 45, 104

 181, 189, 186


 181, 27, 94


 181, 208, 196


 181, 8, 84

 181, 226, 206

 181, 0, 79

 181, 244, 216

 181, 255, 226

 181, 255, 237

Harmonies

Analogous

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



161, 123, 169



181, 117, 145



187, 117, 119

Triad

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



181, 117, 145



135, 140, 87



49, 147, 175

Complementary

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



181, 117, 145



117, 181, 153

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.



45, 150, 153



181, 117, 145



106, 146, 103

Square

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



181, 117, 145



161, 132, 85



74, 149, 127



87, 141, 186

Rectangle

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



181, 117, 145



183, 120, 104



74, 149, 127



42, 148, 169

Sweetspot

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



181, 117, 145



235, 209, 220



152, 117, 181



117, 102, 109



245, 245, 245



117, 117, 117

Same Dimension

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



181, 117, 145



235, 136, 179



181, 120, 117



89, 80, 84



153, 0, 67



26, 0, 11

Inverse Universe

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



181, 117, 145



235, 136, 179



117, 178, 181



89, 80, 84



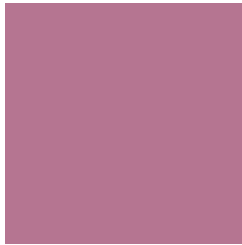
153, 0, 67



26, 0, 11

Previews

White Background



This preview shows how the RGB color 181, 117, 145 looks on a white background.

Color Contrast Check

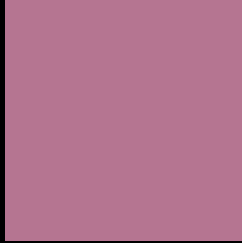
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 117, 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 181, 117, 145 Background



This preview shows how black text looks on a background with the RGB color 181, 117, 145.



This preview shows how white text looks on a background with the RGB color 181, 117, 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



Original Color


181, 117, 145

Protanopia

133, 135, 156

Deuteranopia

147, 132, 142



Tritanopia
179, 120, 129

Trichromacy



Original Color

181, 117, 145

Protanomaly

150, 128, 152

Deuteranomaly

159, 127, 143

Tritanomaly

180, 119, 135

Monochromacy



Original Color

181, 117, 145

Achromatopsia

139, 139, 139

Achromatomaly

154, 131, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 117, 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(181, 117, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 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(181, 117, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 145) }
```

Border

The CSS property to change the border of an element to RGB 181, 117, 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(181, 117, 145) }
```

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

```
.border{ border-color:rgb(181, 117, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 181, 117, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 145) }
```

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

```
.background{ background-color: rgb(181,  
117, 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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