

Converting Colors

RGB(186, 119, 160)

Have a look what the booklet for
RGB(186, 119, 160) contains.

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Color

RGB(186, 119, 160)

Conversions

Conversions Part 1

Format	Color
Hex	BA77A0
RGB	186, 119, 160
RGB Percent	73%, 47%, 63%
CMY	0.2706, 0.5333, 0.3725
CMYK	0.00, 0.36, 0.14, 0.27
HSL	323°, 33%, 60%
HSV	323°, 36%, 73%
XYZ	33.1917, 26.1708, 36.5598
YIQ	143.7070, 26.7710, 26.9550

Conversions

Conversions Part 2

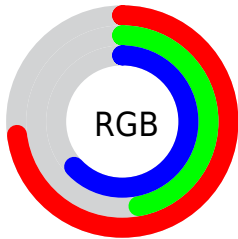
Format	Color
RYB	186, 119, 160
Decimal	12220320
CIELab	58.20, 32.28, -11.08
CIELCh	58, 34.127, 341.054
Yxy	26.1708, 0.3460, 0.2728
Android (android.graphics.Color)	4290410400 (0xFFBA77A0)
YUV	143.7070, 8.0324, 37.0910
Hunter-Lab	51.1574, 26.2879, -6.5616

Details

The RGB color **186, 119, 160** is a light color, and the websafe version is hex **996699**. A complement of this color would be **119, 186, 145**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **243, 172, 215**, and **132, 69, 109** is the 20% darker color. If you saturate the color by 10%, you get **186, 100, 153**, and if you desaturate by 10%, it is **186, 138, 167**.

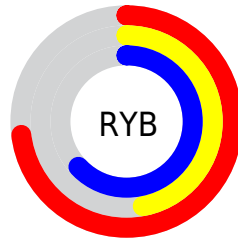
Distribution



Red (73%)

Green (47%)

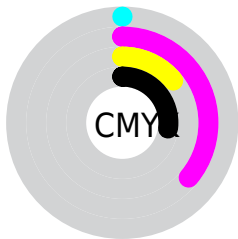
Blue (63%)



Red (73%)

Yellow (47%)

Blue (63%)

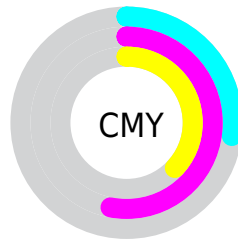


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 119, 160 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 186, 119, 160 by changing the saturation by 10% instead.

 186, 119, 160

255, 255, 255

 243, 172, 215

 255, 200, 243


 255, 228, 255

 186, 119, 160

 158, 94, 134

 132, 69, 109

 105, 45, 84

 80, 21, 61

 55, 0, 39

 35, 0, 18

 0, 0, 0

 186, 119, 160

 186, 100, 153

 186, 119, 160

 186, 138, 167

 186, 82, 146

 186, 156, 174

 186, 63, 138

 186, 175, 182

 186, 45, 131

 186, 193, 189

 186, 26, 124

 186, 212, 196

 186, 7, 117

 186, 231, 203

 186, 0, 114

 186, 249, 211

 186, 255, 218

 186, 255, 225

Harmonies

Analogous

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



157, 128, 185



186, 119, 160



198, 116, 130

Triad

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



186, 119, 160



148, 142, 80



0, 154, 178

Complementary

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



186, 119, 160



119, 186, 145

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.



27, 156, 150



186, 119, 160



116, 150, 94

Square

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



186, 119, 160



175, 132, 84



78, 154, 120



59, 148, 196

Rectangle

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



186, 119, 160



196, 119, 111



78, 154, 120



0, 155, 170

Sweetspot

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



186, 119, 160



242, 216, 232



145, 119, 186



122, 106, 116



250, 250, 250



122, 122, 122

Same Dimension

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



186, 119, 160



242, 138, 202



186, 119, 127



92, 83, 88



156, 0, 95



28, 0, 17

Inverse Universe

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



186, 119, 160



242, 138, 202



119, 186, 178



92, 83, 88



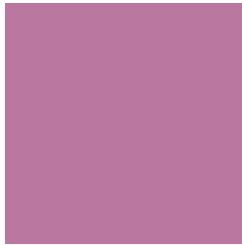
156, 0, 95



28, 0, 17

Previews

White Background



This preview shows how the RGB color 186, 119, 160 looks on a white background.

Color Contrast Check

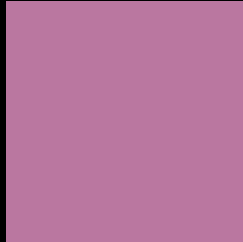
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 119, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

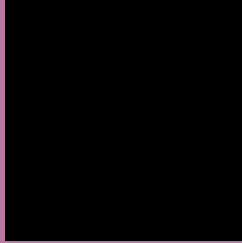
Any Text WCAG AA ✓ Pass

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 186, 119, 160 Background



This preview shows how black text looks on a background with the RGB color 186, 119, 160.



This preview shows how white text looks on a background with the RGB color 186, 119, 160.

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
186, 119, 160

Protanopia
132, 139, 173

Deuteranopia
146, 137, 157



Tritanopia
183, 124, 133

Trichromacy



Original Color
186, 119, 160

Protanomaly
152, 132, 168

Deuteranomaly
161, 130, 158

Tritanomaly
184, 122, 143

Monochromacy



Original Color
186, 119, 160

Achromatopsia
144, 144, 144

Achromatomaly
159, 135, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 119, 160 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(186, 119, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 160)  
}
```

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(186, 119, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 160) }
```

Border

The CSS property to change the border of an element to RGB 186, 119, 160 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(186, 119, 160) }
```

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

```
.border{ border-color:rgb(186, 119, 160) }
```

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

Here you see how a box with a 4 pixel rgb(186, 119, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 186, 119, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 160) }
```

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

```
.background{ background-color: rgb(186,  
119, 160) }
```

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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