

Converting Colors

RGB(186, 120, 146)

Have a look what the booklet for
RGB(186, 120, 146) contains.

RGB(186, 120, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(186, 120, 146)

Conversions

Conversions Part 1

Format	Color
Hex	BA7892
RGB	186, 120, 146
RGB Percent	73%, 47%, 57%
CMY	0.2706, 0.5294, 0.4275
CMYK	0.00, 0.35, 0.22, 0.27
HSL	336°, 32%, 60%
HSV	336°, 35%, 73%
XYZ	32.1545, 25.9474, 30.5077
YIQ	142.6980, 30.9900, 22.0780

Conversions

Conversions Part 2

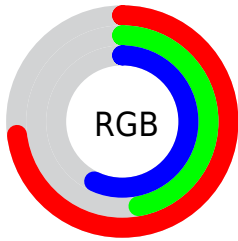
Format	Color
R_{YB}	186, 120, 146
Decimal	12220562
CIE _{Lab}	57.99, 29.48, -3.31
CIE _{LCh}	58, 29.670, 353.598
Yxy	25.9474, 0.3629, 0.2928
Android (android.graphics.Color)	4290410642 (0xFFBA7892)
YUV	142.6980, 1.6279, 37.9759
Hunter-Lab	50.9386, 23.5339, 0.1475

Details

The RGB color **186, 120, 146** is a light color, and the websafe version is hex **996666**. A complement of this color would be **120, 186, 160**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **243, 173, 200**, and **131, 70, 96** is the 20% darker color. If you saturate the color by 10%, you get **186, 101, 135**, and if you desaturate by 10%, it is **186, 139, 157**.

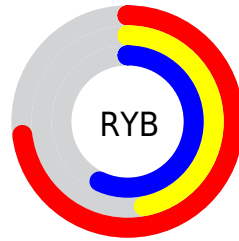
Distribution



Red (73%)

Green (47%)

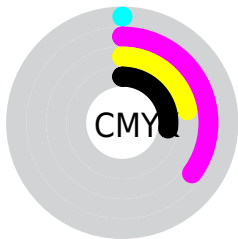
Blue (57%)



Red (73%)

Yellow (47%)

Blue (57%)

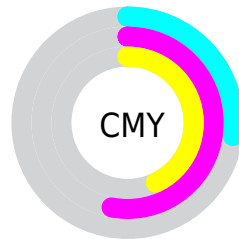


Cyan (0%)

Magenta (35%)

Yellow (22%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 120, 146 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, 120, 146 by changing the saturation by 10% instead.

 186, 120, 146

255, 255, 255


 243, 173, 200

 255, 201, 228

 255, 229, 255

 186, 120, 146

 158, 95, 120

 131, 70, 96

 105, 46, 72

 80, 23, 50

 55, 0, 29


 35, 0, 1

 0, 0, 0

 186, 120, 146

 186, 101, 135

 186, 120, 146

 186, 139, 157


 186, 83, 123

 186, 157, 169

 186, 64, 112

 186, 176, 180

 186, 46, 101

 186, 194, 191

 186, 27, 90

 186, 213, 202

 186, 8, 78

 186, 232, 214

 186, 0, 73

 186, 250, 225

 186, 255, 236

 186, 255, 247

Harmonies

Analogous

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



167, 126, 170



186, 120, 146



190, 121, 120

Triad

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



186, 120, 146



136, 144, 91



56, 150, 180

Complementary

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



186, 120, 146



120, 186, 160

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.



47, 153, 159



186, 120, 146



106, 150, 108

Square

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



186, 120, 146



162, 136, 88



74, 153, 133



94, 144, 190

Rectangle

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



186, 120, 146



186, 124, 105



74, 153, 133



48, 151, 174

Sweetspot

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



186, 120, 146



242, 216, 226



160, 120, 186



122, 106, 113



250, 250, 250



122, 122, 122

Same Dimension

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



186, 120, 146



242, 138, 179



186, 127, 120



92, 83, 86



156, 0, 61



28, 0, 11

Inverse Universe

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



186, 120, 146



242, 138, 179



120, 179, 186



92, 83, 86



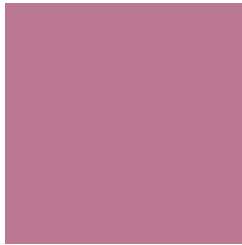
156, 0, 61



28, 0, 11

Previews

White Background



This preview shows how the RGB color 186, 120, 146 looks on a white background.

Color Contrast Check

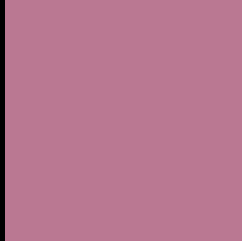
Large Text (above 18pt) WCAG AA ✓ Pass

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, 120, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

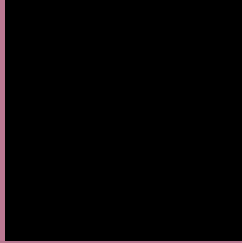
Any Text WCAG AA ✓ Pass

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, 120, 146 Background



This preview shows how black text looks on a background with the RGB color 186, 120, 146.

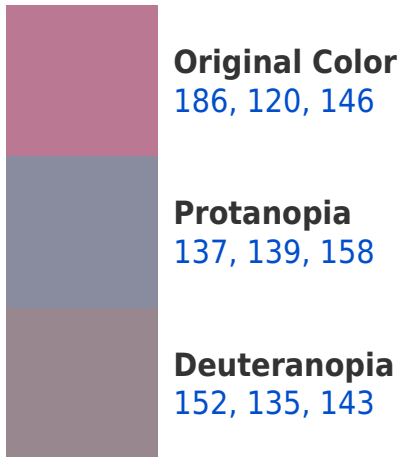


This preview shows how white text looks on a background with the RGB color 186, 120, 146.

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
184, 122, 132

Trichromacy



Original Color
186, 120, 146

Protanomaly
155, 132, 154

Deuteranomaly
164, 130, 144

Tritanomaly
185, 121, 137

Monochromacy



Original Color
186, 120, 146

Achromatopsia
143, 143, 143

Achromatomaly
159, 135, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 120, 146 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, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 146)  
}
```

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, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 146) }
```

Border

The CSS property to change the border of an element to RGB 186, 120, 146 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, 120, 146) }
```

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

```
.border{ border-color:rgb(186, 120, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 120, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 146);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 186, 120, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 120, 146) }
```

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

```
.background{ background-color: rgb(186,  
120, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor