

Converting Colors

`RYB(186, 110, 119)`

Have a look what the booklet for
RYB(186, 110, 119) contains.

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Color

R_YB(186, 110, 119)

Conversions

Conversions Part 1

Format	Color
Hex	BA6E77
RGB	186, 110, 119
RGB Percent	73%, 43%, 47%
CMY	0.2706, 0.5686, 0.5333
CMYK	0.00, 0.41, 0.36, 0.27
HSL	353°, 36%, 58%
HSV	353°, 41%, 73%
XYZ	29.1554, 22.9229, 20.3407
YIQ	133.7500, 42.4070, 18.9110

Conversions

Conversions Part 2

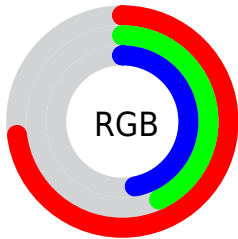
Format	Color
R_{YB}	186, 110, 119
Decimal	12217975
CIE _{Lab}	54.99, 31.20, 8.07
CIE _{LCh}	55, 32.230, 14.500
Yxy	22.9229, 0.4026, 0.3165
Android (android.graphics.Color)	4290408055 (0xFFBA6E77)
YUV	133.7500, -7.2717, 45.8233
Hunter-Lab	47.8778, 24.9121, 8.3254

Details

The RYB color **186, 110, 119** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 150, 186**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **244, 163, 171**, and **130, 60, 71** is the 20% darker color. If you saturate the color by 10%, you get **186, 91, 103**, and if you desaturate by 10%, it is **186, 129, 135**.

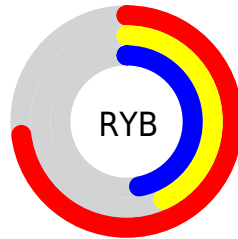
Distribution



Red (73%)

Green (43%)

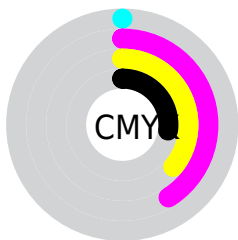
Blue (47%)



Red (73%)

Yellow (43%)

Blue (47%)

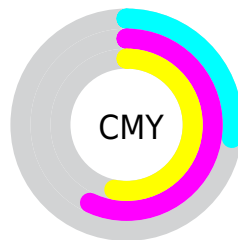


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 110, 119 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 RYB color 186, 110, 119 by changing the saturation by 10% instead.

 186, 110, 119

255, 255, 255

 244, 163, 171

 255, 190, 198

 255, 218, 226

 255, 247, 255

 186, 110, 119

 158, 85, 94

 130, 60, 71

 103, 36, 48

 77, 11, 28

 53, 0, 0


 21, 0, 0

 0, 0, 0

 186, 110, 119

 186, 91, 103

 186, 110, 119

 186, 129, 135


 186, 73, 86

 186, 147, 152

 186, 54, 70

 186, 166, 168

 186, 36, 53

 186, 184, 185

 186, 17, 37

 186, 195, 203

 186, 0, 22

 186, 205, 222

 186, 215, 240

 186, 222, 255

 186, 221, 255

Harmonies

Analogous

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



177, 112, 147



186, 110, 119



180, 124, 94

Triad

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



186, 110, 119



91, 141, 127



63, 110, 185

Complementary

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



186, 110, 119



110, 150, 186

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, 78, 170



186, 110, 119



69, 116, 145

Square

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



186, 110, 119



79, 136, 77



22, 85, 147



113, 127, 185

Rectangle

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



186, 110, 119



169, 156, 82



22, 85, 147



45, 101, 181

Sweetspot

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



186, 110, 119



242, 213, 217



176, 110, 186



122, 105, 107



250, 250, 250



122, 122, 122

Same Dimension

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



186, 110, 119



242, 124, 138



186, 154, 110



92, 83, 84



156, 0, 18



28, 0, 3

Inverse Universe

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



186, 110, 119



242, 124, 138



110, 139, 186



92, 83, 84



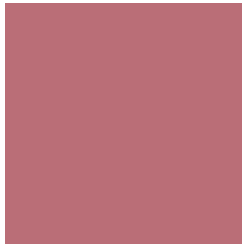
156, 0, 18



28, 0, 3

Previews

White Background



This preview shows how the RYB color 186, 110, 119 looks on a white background.

Color Contrast Check

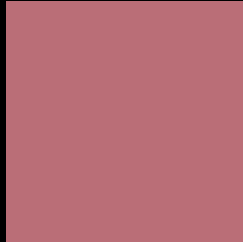
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 186, 110, 119 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](#).

RYB 186, 110, 119 Background



This preview shows how black text looks on a background with the RYB color 186, 110, 119.

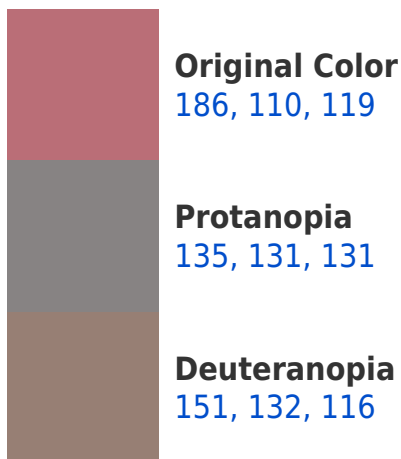


This preview shows how white text looks on a background with the RYB color 186, 110, 119.

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
186, 110, 118

Trichromacy



Original Color

186, 110, 119

Protanomaly

154, 123, 127

Deuteranomaly

164, 121, 117

Tritanomaly

186, 110, 118

Monochromacy



Original Color

186, 110, 119

Achromatopsia

134, 134, 134

Achromatomaly

153, 125, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 110, 119 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, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(186, 110, 119)  
}
```

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, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 110, 119) }
```

Border

The CSS property to change the border of an element to RYB 186, 110, 119 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, 110, 119) }
```

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

```
.border{ border-color:rgb(186, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(186, 110,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 186, 110, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 110, 119) }
```

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

```
.background{ background-color: rgb(186,  
110, 119) }
```

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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