

Converting Colors

`RYB(195, 118, 186)`

Have a look what the booklet for
RYB(195, 118, 186) contains.

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Color

R_YB(195, 118, 186)

Conversions

Conversions Part 1

Format	Color
Hex	C376BA
RGB	195, 118, 186
RGB Percent	76%, 46%, 73%
CMY	0.2353, 0.5373, 0.2706
CMYK	0.00, 0.39, 0.05, 0.24
HSL	307°, 39%, 61%
HSV	307°, 39%, 76%
XYZ	37.8470, 28.1041, 49.8843
YIQ	148.7750, 24.0640, 37.4720

Conversions

Conversions Part 2

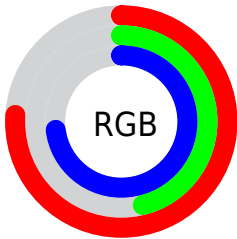
Format	Color
RYB	195, 118, 186
Decimal	12809914
CIELab	59.98, 40.34, -23.18
CIELCh	60, 46.520, 330.119
Yxy	28.1041, 0.3267, 0.2426
Android (android.graphics.Color)	4290999994 (0xFFC376BA)
YUV	148.7750, 18.3519, 40.5393
Hunter-Lab	53.0133, 34.6606, -18.6811

Details

The RYB color **195, 118, 186** is a light color, and the websafe version is hex **996699**. A complement of this color would be **118, 187, 195**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **253, 172, 242**, and **140, 67, 133** is the 20% darker color. If you saturate the color by 10%, you get **195, 98, 184**, and if you desaturate by 10%, it is **195, 138, 188**.

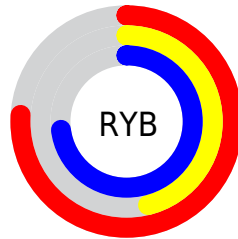
Distribution



Red (76%)

Green (46%)

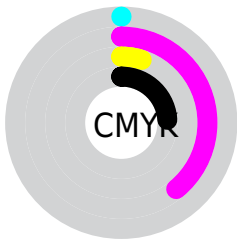
Blue (73%)



Red (76%)

Yellow (46%)

Blue (73%)

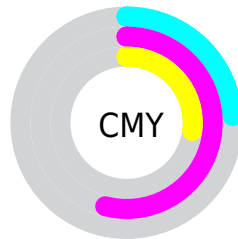


Cyan (0%)

Magenta (39%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 118, 186 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 195, 118, 186 by changing the saturation by 10% instead.

 195, 118, 186

255, 255, 255

 253, 172, 242

 255, 200, 255

 255, 228, 255

 195, 118, 186

 167, 92, 159


 140, 67, 133

 113, 42, 107

 87, 14, 83

 62, 0, 59

 42, 0, 38

 0, 1, 14

 0, 0, 0

 195, 118, 186

 195, 118, 186

■ 195, 98, 184

■ 195, 138, 188

■ 195, 79, 181

■ 195, 157, 191

■ 195, 60, 179

■ 195, 177, 193

■ 195, 40, 177

■ 195, 196, 196

■ 195, 21, 175

■ 195, 214, 216

■ 195, 1, 172

■ 195, 231, 235

■ 195, 0, 172

■ 195, 249, 255

■ 195, 247, 255

■ 195, 245, 255

Harmonies

Analogous

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



147, 134, 216



195, 118, 186



219, 109, 146

Triad

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



195, 118, 186



93, 168, 59



0, 87, 184

Complementary

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



195, 118, 186



118, 187, 195

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, 88, 165



195, 118, 186



71, 154, 98

Square

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



195, 118, 186



200, 165, 74



73, 140, 162



0, 91, 215

Rectangle

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



195, 118, 186



221, 111, 119



73, 140, 162



0, 84, 171

Sweetspot

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



195, 118, 186



252, 222, 249



127, 118, 195



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



195, 118, 186



252, 134, 239



195, 118, 148



97, 87, 96



161, 0, 142



33, 0, 29

Inverse Universe

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



195, 118, 186



252, 134, 239



118, 166, 195



97, 87, 96



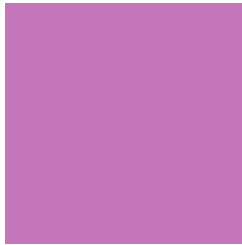
161, 0, 142



33, 0, 29

Previews

White Background



This preview shows how the RYB color 195, 118, 186 looks on a white background.

Color Contrast Check

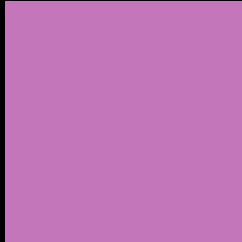
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 118, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

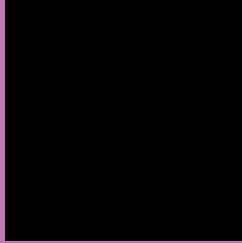
Any Text WCAG AA ✓ Pass

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 195, 118, 186 Background



This preview shows how black text looks on a background with the RYB color 195, 118, 186.



This preview shows how white text looks on a background with the RYB color 195, 118, 186.

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
195, 118, 186

Protanopia
126, 140, 205

Deuteranopia
140, 142, 182



Tritanopia
189, 128, 138

Trichromacy



Original Color

195, 118, 186



Protanomaly

151, 134, 198



Deuteranomaly

160, 133, 183



Tritanomaly

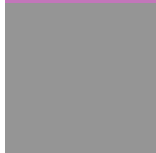
191, 124, 155

Monochromacy



Original Color

195, 118, 186



Achromatopsia

149, 149, 149



Achromatomaly

166, 138, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 118, 186 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(195, 118, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 118, 186)  
}
```

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(195, 118, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 118, 186) }
```

Border

The CSS property to change the border of an element to RYB 195, 118, 186 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(195, 118, 186) }
```

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

```
.border{ border-color:rgb(195, 118, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 118, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 118, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 118, 186);  
box-shadow:4px 4px 4px 4px rgb(195, 118,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 195, 118, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 118, 186) }
```

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

```
.background{ background-color: rgb(195,  
118, 186) }
```

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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