

Converting Colors

`RYB(206, 111, 118)`

Have a look what the booklet for
RYB(206, 111, 118) contains.

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Color

R_YB(206, 111, 118)

Conversions

Conversions Part 1

Format	Color
Hex	CE6F76
RGB	206, 111, 118
RGB Percent	81%, 44%, 46%
CMY	0.1922, 0.5647, 0.5373
CMYK	0.00, 0.46, 0.43, 0.19
HSL	356°, 49%, 62%
HSV	356°, 46%, 81%
XYZ	34.4081, 25.7987, 20.3057
YIQ	140.2030, 54.3730, 22.3170

Conversions

Conversions Part 2

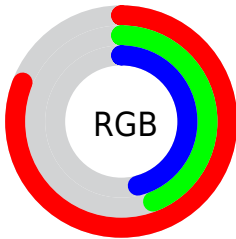
Format	Color
R_{YB}	206, 111, 118
Decimal	13528950
CIE _{Lab}	57.85, 38.05, 13.05
CIE _{LCh}	58, 40.228, 18.936
Yxy	25.7987, 0.4274, 0.3204
Android (android.graphics.Color)	4291719030 (0xFFCE6F76)
YUV	140.2030, -10.9461, 57.7040
Hunter-Lab	50.7924, 32.0336, 11.8519

Details

The RYB color **206, 111, 118** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **111, 160, 206**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 164, 170**, and **148, 60, 70** is the 20% darker color. If you saturate the color by 10%, you get **206, 90, 99**, and if you desaturate by 10%, it is **206, 132, 137**.

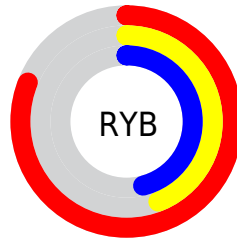
Distribution



Red (81%)

Green (44%)

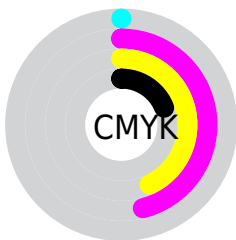
Blue (46%)



Red (81%)

Yellow (44%)

Blue (46%)

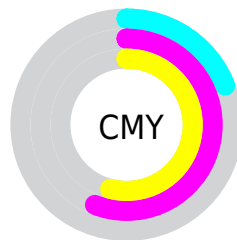


Cyan (0%)

Magenta (46%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 111, 118 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 206, 111, 118 by changing the saturation by 10% instead.

 206, 111, 118

255, 255, 255

 255, 164, 170

 255, 192, 197

 255, 220, 225

 255, 249, 254

 206, 111, 118

 177, 85, 93

 148, 60, 70

 120, 35, 48

 93, 4, 27

 67, 0, 0


 42, 0, 1

 0, 0, 0

 206, 111, 118


 206, 90, 99


 206, 111, 118

 206, 132, 137


 206, 70, 80

 206, 152, 156

 206, 49, 61

 206, 173, 175

 206, 29, 42

 206, 193, 194

 206, 8, 23

 206, 210, 214

 206, 0, 15

 206, 221, 235

 206, 231, 255

 206, 231, 255

Harmonies

Analogous

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



198, 111, 154



206, 111, 118



196, 134, 87

Triad

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



206, 111, 118



91, 152, 145



45, 107, 208

Complementary

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



206, 111, 118



111, 160, 206

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, 85, 191



206, 111, 118



40, 107, 156

Square

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



206, 111, 118



70, 144, 76



0, 79, 161



122, 133, 205

Rectangle

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



206, 111, 118



177, 181, 73



0, 79, 161



0, 86, 204

Sweetspot

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



206, 111, 118



255, 219, 222



198, 111, 206



128, 106, 107



0, 0, 0



128, 128, 128

Same Dimension

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



206, 111, 118



255, 115, 125



206, 180, 111



102, 92, 93



166, 0, 12



38, 0, 3

Inverse Universe

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



206, 111, 118



255, 115, 125



111, 146, 206



102, 92, 93



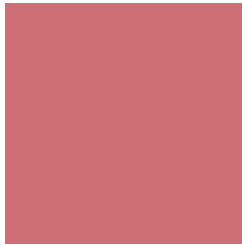
166, 0, 12



38, 0, 3

Previews

White Background



This preview shows how the RYB color 206, 111, 118 looks on a white background.

Color Contrast Check

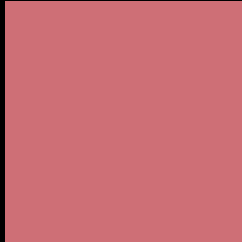
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 111, 118 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 206, 111, 118 Background



This preview shows how black text looks on a background with the RYB color 206, 111, 118.




This preview shows how white text looks on a background with the RYB color 206, 111, 118.

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
206, 111, 119

Trichromacy



Original Color
206, 111, 118

Protanomaly
167, 129, 127

Deuteranomaly
178, 128, 115

Tritanomaly
206, 111, 119

Monochromacy



Original Color
206, 111, 118

Achromatopsia
140, 140, 140

Achromatomaly
164, 129, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 111, 118 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(206, 111, 118) looks like.

```
.text, #text, p{  
    color:rgb(206, 111, 118)  
}
```

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(206, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 111, 118) }
```

Border

The CSS property to change the border of an element to RYB 206, 111, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

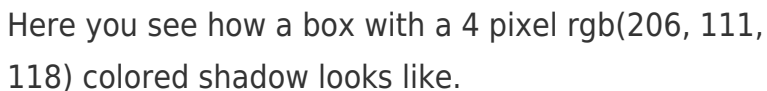
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 111, 118) }
```

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

```
.border{ border-color:rgb(206, 111, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 111, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 111, 118); box-shadow:4px 4px 4px 4px rgb(206, 111, 118) }
```

Background

The CSS property to change the background color of an element to RGB 206, 111, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 111, 118) }
```

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

```
.background{ background-color: rgb(206,  
111, 118) }
```

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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