

Converting Colors

`RYB(204, 118, 128)`

Have a look what the booklet for RYB(204, 118, 128) contains.

RYB(204, 118, 128)	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

R_YB(204, 118, 128)

Conversions

Conversions Part 1

Format	Color
Hex	CC7680
RGB	204, 118, 128
RGB Percent	80%, 46%, 50%
CMY	0.2000, 0.5373, 0.4980
CMYK	0.00, 0.42, 0.37, 0.20
HSL	353°, 46%, 63%
HSV	353°, 42%, 80%
XYZ	35.2766, 27.3527, 23.8424
YIQ	144.8540, 48.0460, 21.3420

Conversions

Conversions Part 2

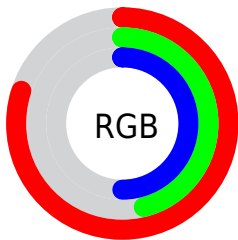
Format	Color
RYB	204, 118, 128
Decimal	13399680
CIELab	59.30, 34.76, 9.28
CIElCh	59, 35.974, 14.947
Yxy	27.3527, 0.4080, 0.3163
Android (android.graphics.Color)	4291589760 (0xFFCC7680)
YUV	144.8540, -8.3090, 51.8710
Hunter-Lab	52.2999, 28.8745, 9.5808

Details

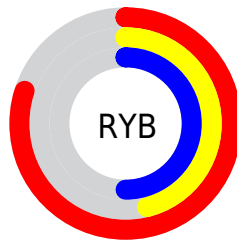
The RYB color **204, 118, 128** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **118, 164, 204**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 171, 181**, and **147, 67, 79** is the 20% darker color. If you saturate the color by 10%, you get **204, 98, 110**, and if you desaturate by 10%, it is **204, 138, 146**.

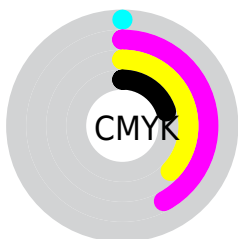
Distribution



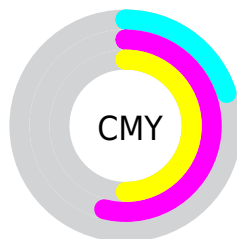
- Red (80%)
- Green (46%)
- Blue (50%)



- Red (80%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (20%)




- Cyan (20%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 118, 128 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 204, 118, 128 by changing the saturation by 10% instead.

 204, 118, 128

255, 255, 255

 255, 171, 181

 255, 199, 208

 255, 228, 236

 204, 118, 128

 175, 92, 103

 147, 67, 79


 120, 43, 56

 93, 17, 35

 66, 0, 13


 44, 0, 1

 0, 0, 0

 204, 118, 128

 204, 98, 110

 204, 118, 128

 204, 138, 146

 204, 77, 92


 204, 159, 164

 204, 57, 74

 204, 179, 182

 204, 36, 56

 204, 200, 200

 204, 16, 38

 204, 213, 220

 204, 0, 24

 204, 223, 240

 204, 230, 255

 204, 230, 255

Harmonies

Analogous

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



194, 120, 160



204, 118, 128



197, 134, 100

Triad

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



204, 118, 128



97, 154, 139



62, 117, 203

Complementary

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



204, 118, 128



118, 164, 204

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, 186



204, 118, 128



70, 124, 158

Square

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



204, 118, 128



81, 147, 80



0, 80, 159



122, 137, 204

Rectangle

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



204, 118, 128



185, 172, 86



0, 80, 159



37, 105, 199

Sweetspot

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



204, 118, 128



255, 222, 226



194, 118, 204



128, 107, 109



0, 0, 0



128, 128, 128

Same Dimension

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



204, 118, 128



255, 125, 140



204, 172, 118



102, 92, 93



166, 0, 19



38, 0, 4

Inverse Universe

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



204, 118, 128



255, 125, 140



118, 151, 204



102, 92, 93



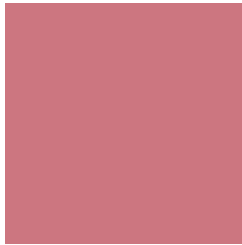
166, 0, 19



38, 0, 4

Previews

White Background



This preview shows how the RYB color 204, 118, 128 looks on a white background.

Color Contrast Check

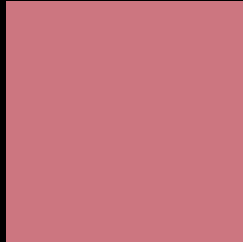
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 118, 128 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 204, 118, 128 Background



This preview shows how black text looks on a background with the RYB color 204, 118, 128.

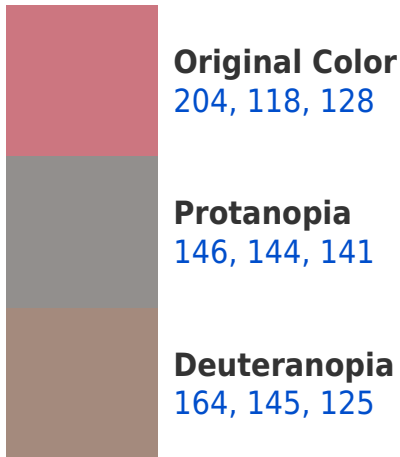



This preview shows how white text looks on a background with the RYB color 204, 118, 128.

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
204, 118, 127

Trichromacy



Original Color

204, 118, 128

Protanomaly

167, 134, 136

Deuteranomaly

179, 132, 126

Tritanomaly

204, 118, 127

Monochromacy



Original Color

204, 118, 128

Achromatopsia

145, 145, 145

Achromatomaly

166, 135, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 118, 128 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(204, 118, 128) looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 128)  
}
```

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(204, 118, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 128) }
```

Border

The CSS property to change the border of an element to RYB 204, 118, 128 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(204, 118, 128) }
```

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

```
.border{ border-color:rgb(204, 118, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 118, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 128);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 204, 118, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 118, 128) }
```

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

```
.background{ background-color: rgb(204,  
118, 128) }
```

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