

Converting Colors

`RYB(198, 120, 126)`

Have a look what the booklet for
RYB(198, 120, 126) contains.

RYB(198, 120, 126)	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(198, 120, 126)

Conversions

Conversions Part 1

Format	Color
Hex	C6787E
RGB	198, 120, 126
RGB Percent	78%, 47%, 49%
CMY	0.2235, 0.5294, 0.5059
CMYK	0.00, 0.39, 0.36, 0.22
HSL	355°, 41%, 62%
HSV	355°, 39%, 78%
XYZ	33.7711, 26.9451, 23.1597
YIQ	144.0060, 44.5620, 18.4020

Conversions

Conversions Part 2

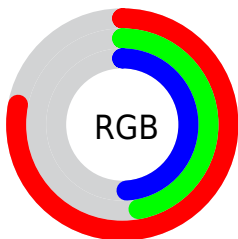
Format	Color
RYB	198, 120, 126
Decimal	13006974
CIELab	58.92, 31.19, 9.79
CIELCh	59, 32.693, 17.429
Yxy	26.9451, 0.4026, 0.3212
Android (android.graphics.Color)	4291197054 (0xFFC6787E)
YUV	144.0060, -8.8770, 47.3527
Hunter-Lab	51.9086, 25.2896, 9.8831

Details

The RYB color **198, 120, 126** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **120, 161, 198**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 173, 179**, and **142, 70, 77** is the 20% darker color. If you saturate the color by 10%, you get **198, 100, 108**, and if you desaturate by 10%, it is **198, 140, 144**.

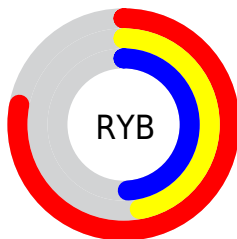
Distribution



Red (78%)

Green (47%)

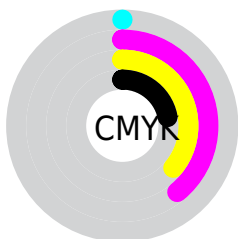
Blue (49%)



Red (78%)

Yellow (47%)

Blue (49%)

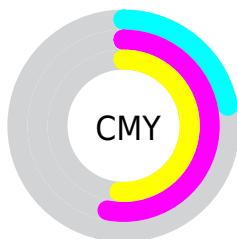


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 120, 126 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 198, 120, 126 by changing the saturation by 10% instead.

 198, 120, 126

255, 255, 255

 255, 173, 179


 255, 201, 206

 255, 229, 234

 198, 120, 126

 170, 95, 101

 142, 70, 77

 114, 46, 54

 88, 21, 33

 62, 0, 11


 40, 0, 1

 0, 0, 0

 198, 120, 126

 198, 100, 108


 198, 120, 126

 198, 140, 144

 198, 80, 89

 198, 160, 163

 198, 61, 71

 198, 179, 181

 198, 41, 53

 198, 199, 199

 198, 21, 35

 198, 209, 219

 198, 1, 16

 198, 219, 239

 198, 0, 15

 198, 227, 255

 198, 227, 255

Harmonies

Analogous

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



190, 121, 155



198, 120, 126



191, 136, 101

Triad

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



198, 120, 126



102, 152, 143



79, 123, 197

Complementary

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



198, 120, 126



120, 161, 198

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.



29, 98, 183



198, 120, 126



75, 124, 156

Square

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



198, 120, 126



86, 145, 87



34, 96, 158



127, 137, 196

Rectangle

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



198, 120, 126



179, 175, 89



34, 96, 158



62, 115, 194

Sweetspot

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



198, 120, 126



255, 224, 227



191, 120, 198



128, 110, 111



0, 0, 0



128, 128, 128

Same Dimension

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



198, 120, 126



255, 135, 144



198, 177, 120



99, 90, 90



163, 0, 13



36, 0, 3

Inverse Universe

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



198, 120, 126



255, 135, 144



120, 149, 198



99, 90, 90



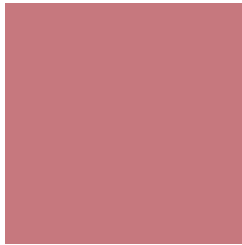
163, 0, 13



36, 0, 3

Previews

White Background



This preview shows how the RYB color 198, 120, 126 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 198, 120, 126 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 198, 120, 126 Background



This preview shows how black text looks on a background with the RYB color 198, 120, 126.



This preview shows how white text looks on a background with the RYB color 198, 120, 126.

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
198, 120, 126

Protanopia
146, 146, 138

Deuteranopia
163, 145, 123



Tritanopia
198, 120, 128

Trichromacy



Original Color

198, 120, 126

Protanomaly

165, 134, 134

Deuteranomaly

176, 132, 124

Tritanomaly

198, 120, 127

Monochromacy



Original Color

198, 120, 126

Achromatopsia

144, 144, 144

Achromatomaly

164, 135, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 120, 126 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(198, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(198, 120, 126)  
}
```

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(198, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 120, 126) }
```

Border

The CSS property to change the border of an element to RYB 198, 120, 126 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(198, 120, 126) }
```

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

```
.border{ border-color:rgb(198, 120, 126) }
```

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

Here you see how a box with a 4 pixel rgb(198, 120, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 120, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 120, 126);  
box-shadow:4px 4px 4px 4px rgb(198, 120,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 198, 120, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 120, 126) }
```

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

```
.background{ background-color: rgb(198,  
120, 126) }
```

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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