

Converting Colors

`RYB(206, 121, 120)`

Have a look what the booklet for
RYB(206, 121, 120) contains.

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Color

$\text{RYB}(206, 121, 120)$

Conversions

Conversions Part 1

Format	Color
Hex	CE7978
RGB	206, 121, 120
RGB Percent	81%, 47%, 47%
CMY	0.1922, 0.5255, 0.5294
CMYK	0.00, 0.41, 0.42, 0.19
HSL	1°, 47%, 64%
HSV	1°, 42%, 81%
XYZ	35.6797, 28.1498, 21.3222
YIQ	146.3010, 50.9810, 17.7090

Conversions

Conversions Part 2

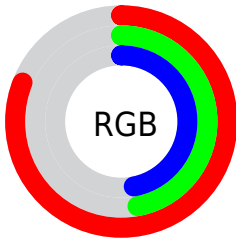
Format	Color
R_{YB}	206, 121, 120
Decimal	13531512
CIE _{Lab}	60.02, 33.00, 14.93
CIE _{LCh}	60, 36.221, 24.350
Yxy	28.1498, 0.4190, 0.3306
Android (android.graphics.Color)	4291721592 (0xFFCE7978)
YUV	146.3010, -12.9664, 52.3560
Hunter-Lab	53.0564, 27.1902, 13.3121

Details

The RYB color **206, 121, 120** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **120, 163, 206**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 174, 172**, and **149, 70, 72** is the 20% darker color. If you saturate the color by 10%, you get **206, 101, 99**, and if you desaturate by 10%, it is **206, 141, 141**.

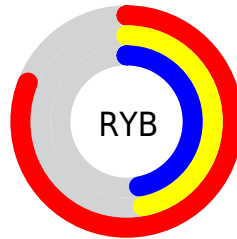
Distribution



Red (81%)

Green (47%)

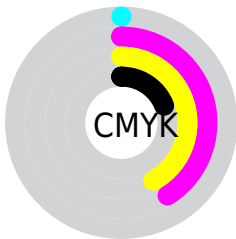
Blue (47%)



Red (81%)

Yellow (47%)

Blue (47%)

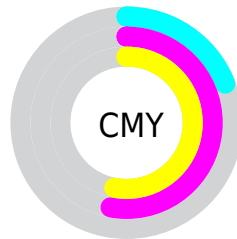


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 121, 120 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, 121, 120 by changing the saturation by 10% instead.

 206, 121, 120

255, 255, 255

 255, 174, 172


 255, 202, 200

 255, 231, 228

 206, 121, 120

 177, 95, 95

 149, 70, 72

 121, 46, 49

 94, 21, 28


 68, 0, 2


 45, 0, 1

 0, 0, 0

 206, 121, 120


 206, 101, 99

 206, 121, 120


 206, 141, 141

 206, 80, 79

 206, 162, 161

 206, 60, 58

 206, 182, 182

 206, 40, 38

 206, 202, 202

 206, 19, 17

 206, 215, 223

 206, 2, 0

 206, 225, 244

 206, 231, 255

Harmonies

Analogous

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



202, 120, 152



206, 121, 120



194, 148, 94

Triad

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



206, 121, 120



101, 153, 158



84, 127, 208

Complementary

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



206, 121, 120



120, 163, 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, 87, 196



206, 121, 120



55, 115, 161

Square

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



206, 121, 120



85, 151, 97



0, 83, 170



139, 139, 203

Rectangle

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



206, 121, 120



160, 180, 83



0, 83, 170



62, 118, 205

Sweetspot

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



206, 121, 120



255, 222, 222



206, 120, 206



128, 107, 107



0, 0, 0



128, 128, 128

Same Dimension

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



206, 121, 120



255, 129, 128



206, 206, 120



102, 92, 92



166, 2, 0



38, 0, 0

Inverse Universe

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



120, 163, 206



128, 191, 255



120, 149, 206



92, 97, 102



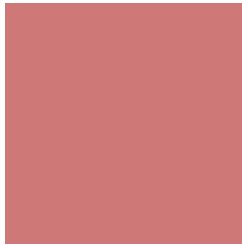
0, 82, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 206, 121, 120 looks on a white background.

Color Contrast Check

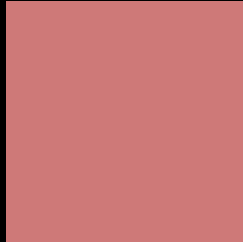
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121, 120 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, 121, 120 Background



This preview shows how black text looks on a background with the RYB color 206, 121, 120.



This preview shows how white text looks on a background with the RYB color 206, 121, 120.

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
206, 121, 120

Protanopia
141, 151, 132

Deuteranopia
169, 155, 117



Tritanopia
207, 120, 128

Trichromacy



Original Color
206, 121, 120

Protanomaly
171, 138, 128

Deuteranomaly
182, 136, 118

Tritanomaly
207, 120, 125

Monochromacy



Original Color
206, 121, 120

Achromatopsia
146, 146, 146

Achromatomaly
168, 137, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 121, 120 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, 121, 120)` looks like.

```
.text, #text, p{  
    color:rgb(206, 121, 120)  
}
```

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, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 121, 120) }
```

Border

The CSS property to change the border of an element to RYB 206, 121, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

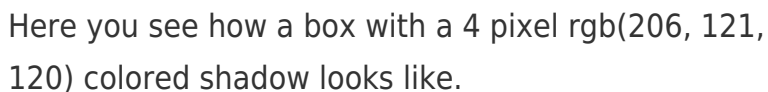
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 121, 120) }
```

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

```
.border{ border-color:rgb(206, 121, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(206, 121,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 206, 121, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 121, 120) }
```

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

```
.background{ background-color: rgb(206,  
121, 120) }
```

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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