

Converting Colors

RGB(209, 120, 112)

Have a look what the booklet for
RGB(209, 120, 112) contains.

RGB(209, 120, 112)	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

RGB(209, 120, 112)

Conversions

Conversions Part 1

Format	Color
Hex	D17870
RGB	209, 120, 112
RGB Percent	82%, 47%, 44%
CMY	0.1804, 0.5294, 0.5608
CMYK	0.00, 0.43, 0.46, 0.18
HSL	5°, 51%, 63%
HSV	5°, 46%, 82%
XYZ	35.9356, 28.1581, 18.8703
YIQ	145.6990, 55.6120, 16.3800

Conversions

Conversions Part 2

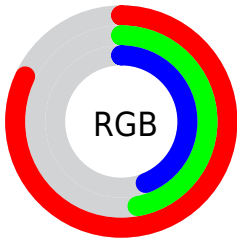
Format	Color
R _Y B	209, 121, 112
Decimal	13727856
CIE Lab	60.03, 33.83, 19.58
CIE LCh	60, 39.085, 30.066
Yxy	28.1581, 0.4331, 0.3394
Android (android.graphics.Color)	4291917936 (0xFFD17870)
YUV	145.6990, -16.6136, 55.5150
Hunter-Lab	53.0642, 28.0196, 16.0607

Details

The RGB color **209, 120, 112** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **112, 201, 209**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 173, 164**, and **151, 69, 64** is the 20% darker color. If you saturate the color by 10%, you get **209, 101, 91**, and if you desaturate by 10%, it is **209, 139, 133**.

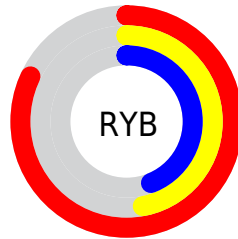
Distribution



Red (82%)

Green (47%)

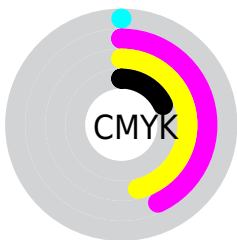
Blue (44%)



Red (82%)

Yellow (47%)

Blue (44%)

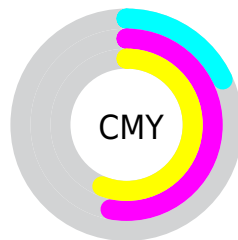


Cyan (0%)

Magenta (43%)

Yellow (46%)

Black (18%)



Cyan (18%)

Magenta (53%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 120, 112 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 RGB color 209, 120, 112 by changing the saturation by 10% instead.


 209, 120, 112

 209, 120, 112

255, 255, 255

 180, 94, 88

 255, 173, 164

 151, 69, 64

 255, 201, 191

 123, 45, 42

 255, 230, 219

 95, 20, 22

 255, 255, 247

 69, 0, 0


 46, 0, 1

 0, 0, 0

 209, 120, 112

 209, 120, 112


 209, 101, 91

 209, 139, 133

 209, 82, 70

 209, 158, 154

 209, 62, 49

 209, 178, 175

 209, 43, 28

 209, 197, 196

 209, 24, 8

 209, 216, 217

 209, 17, 0

 209, 235, 237

 209, 254, 255

 209, 255, 255

Harmonies

Analogous

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



208, 117, 146



209, 120, 112



193, 130, 86

Triad

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



209, 120, 112



88, 159, 109



89, 148, 213

Complementary

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



209, 120, 112



112, 201, 209

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, 157, 204



209, 120, 112



19, 162, 144

Square

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



209, 120, 112



131, 153, 83



0, 162, 178



148, 136, 204

Rectangle

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



209, 120, 112



176, 139, 76



0, 162, 178



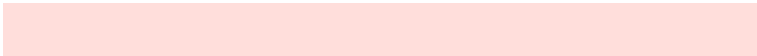
64, 152, 212

Sweetspot

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



209, 120, 112



255, 222, 219



209, 112, 203



128, 108, 106



0, 0, 0



128, 128, 128

Same Dimension

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



209, 120, 112



255, 124, 112



209, 167, 112



105, 95, 94



168, 14, 0



41, 3, 0

Inverse Universe

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



112, 201, 209



112, 243, 255



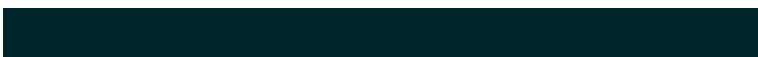
112, 154, 209



94, 104, 105



0, 154, 168



0, 37, 41

Previews

White Background



This preview shows how the RGB color 209, 120, 112 looks on a white background.

Color Contrast Check

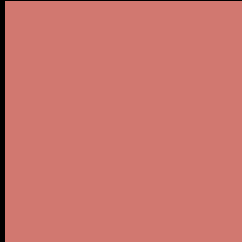
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 209, 120, 112 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](#).

RGB 209, 120, 112 Background



This preview shows how black text looks on a background with the RGB color 209, 120, 112.



This preview shows how white text looks on a background with the RGB color 209, 120, 112.

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
209, 120, 112

Protanopia
153, 145, 124

Deuteranopia
171, 139, 109



Tritanopia
210, 118, 126

Trichromacy



Original Color
209, 120, 112

Protanomaly
173, 136, 120

Deuteranomaly
185, 132, 110

Tritanomaly
210, 119, 121

Monochromacy



Original Color
209, 120, 112

Achromatopsia
146, 146, 146

Achromatomaly
169, 137, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 120, 112 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(209, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(209, 120, 112)  
}
```

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(209, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 120, 112) }
```

Border

The CSS property to change the border of an element to RGB 209, 120, 112 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(209, 120, 112) }
```

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

```
.border{ border-color:rgb(209, 120, 112) }
```

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

Here you see how a box with a 4 pixel rgb(209, 120, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(209, 120,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 209, 120, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 120, 112) }
```

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

```
.background{ background-color: rgb(209,  
120, 112) }
```

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