

# Converting Colors

RGB(190, 120, 110)

Have a look what the booklet for  
RGB(190, 120, 110) contains.

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# Color

**RGB(190, 120, 110)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE786E
RGB	190, 120, 110
RGB Percent	75%, 47%, 43%
CMY	0.2549, 0.5294, 0.5686
CMYK	0.00, 0.37, 0.42, 0.25
HSL	7°, 38%, 59%
HSV	7°, 42%, 75%
XYZ	30.7661, 25.5059, 18.0534
YIQ	139.7900, 44.9300, 11.7300

# Conversions

## Conversions Part 2

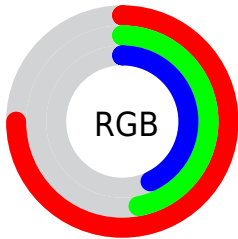
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 121, 110
Decimal	12482670
CIE Lab	57.57, 26.22, 16.96
CIE LCh	58, 31.224, 32.904
Yxy	25.5059, 0.4139, 0.3432
Android (android.graphics.Color)	4290672750 (0xFFBE786E)
YUV	139.7900, -14.6865, 44.0342
Hunter-Lab	50.5033, 20.3596, 14.1580

# Details

The RGB color **190, 120, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 180, 190**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **248, 173, 162**, and **134, 70, 62** is the 20% darker color. If you saturate the color by 10%, you get **190, 103, 91**, and if you desaturate by 10%, it is **190, 137, 129**.

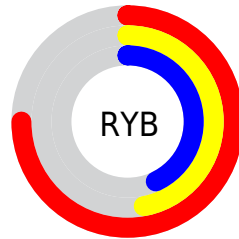
# Distribution



Red (75%)

Green (47%)

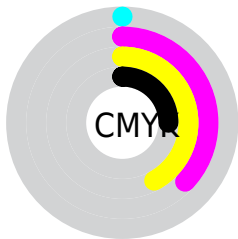
Blue (43%)



Red (75%)

Yellow (47%)

Blue (43%)

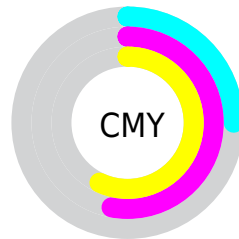


Cyan (0%)

Magenta (37%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 190, 120, 110 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 190, 120, 110 by changing the saturation by 10% instead.



 190, 120, 110

255, 255, 255

 248, 173, 162

 255, 201, 189

 255, 229, 216

 255, 255, 245

 190, 120, 110

 162, 95, 86

 134, 70, 62

 107, 47, 40

 80, 24, 20

 55, 1, 0

 29, 0, 1

 0, 0, 0

 190, 120, 110

 190, 103, 91


 190, 120, 110

 190, 137, 129


 190, 87, 72

 190, 153, 148

 190, 70, 53

 190, 170, 167

 190, 53, 34

 190, 187, 186

 190, 37, 15

 190, 203, 205

 190, 24, 0

 190, 220, 224

 190, 236, 243

 190, 253, 255

 190, 255, 255

# Harmonies

## Analogous

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



190, 117, 137



190, 120, 110



177, 128, 90

# Triad

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



190, 120, 110



92, 151, 113



104, 140, 192

# Complementary

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



190, 120, 110



110, 180, 190

# 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.



57, 148, 186



190, 120, 110



56, 153, 140

# Square

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



190, 120, 110



125, 145, 92



29, 152, 167



145, 130, 184

# Rectangle

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



190, 120, 110



162, 134, 84



29, 152, 167



88, 143, 192

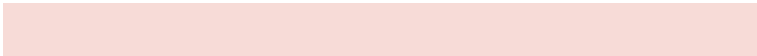


# Sweetspot

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



190, 120, 110



247, 219, 215



190, 110, 181



125, 107, 105



252, 252, 252



125, 125, 125



# Same Dimension

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



190, 120, 110



247, 137, 121



190, 159, 110



94, 86, 85



158, 20, 0



31, 4, 0



# Inverse Universe

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



110, 180, 190



121, 232, 247



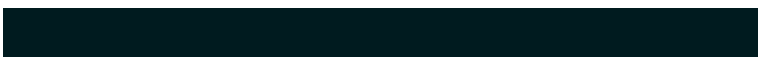
110, 141, 190



85, 93, 94



0, 138, 158



0, 27, 31



# Previews

## White Background



This preview shows how the RGB color 190, 120, 110 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 190, 120, 110 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 190, 120, 110 Background



This preview shows how black text looks on a background with the RGB color 190, 120, 110.

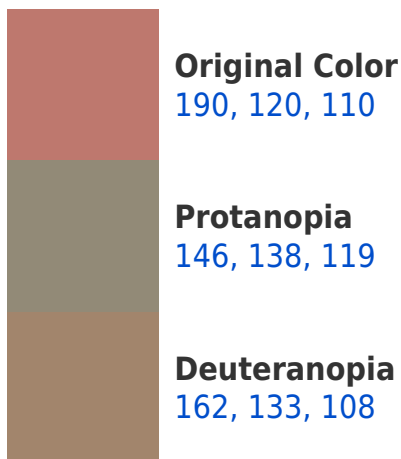


This preview shows how white text looks on a background with the RGB color 190, 120, 110.

# 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**  
191, 118, 126

# Trichromacy



**Original Color**

190, 120, 110

**Protanomaly**

162, 131, 116

**Deuteranomaly**

172, 128, 109

**Tritanomaly**

191, 119, 120

# Monochromacy



**Original Color**

190, 120, 110

**Achromatopsia**

140, 140, 140

**Achromatomaly**

158, 133, 129

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 190, 120, 110 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(190, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(190, 120, 110)  
}
```

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(190, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 120, 110) }
```

## Border

The CSS property to change the border of an element to RGB 190, 120, 110 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(190, 120, 110) }
```

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

```
.border{ border-color:rgb(190, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(190, 120,  
110) }
```

# Background

The CSS property to change the background color of an element to RGB 190, 120, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 120, 110) }
```

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

```
.background{ background-color: rgb(190,  
120, 110) }
```

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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