

# Converting Colors

RGB(170, 112, 108)

Have a look what the booklet for  
RGB(170, 112, 108) contains.

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# Color

**RGB(170, 112, 108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA706C
RGB	170, 112, 108
RGB Percent	67%, 44%, 42%
CMY	0.3333, 0.5608, 0.5765
CMYK	0.00, 0.34, 0.36, 0.33
HSL	4°, 27%, 55%
HSV	4°, 36%, 67%
XYZ	25.0785, 21.2171, 16.9609
YIQ	128.8860, 35.8520, 11.0520

# Conversions

## Conversions Part 2

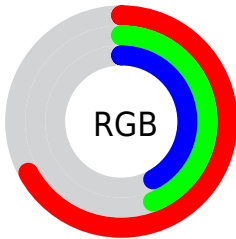
Format	Color
R <sub>Y</sub> B	170, 112, 108
Decimal	11169900
CIE Lab	53.19, 22.48, 11.67
CIE LCh	53, 25.329, 27.448
Yxy	21.2171, 0.3965, 0.3354
Android (android.graphics.Color)	4289359980 (0xFFAA706C)
YUV	128.8860, -10.2968, 36.0570
Hunter-Lab	46.0620, 16.5759, 10.4117

# Details

The RGB color **170, 112, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 166, 170**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **227, 164, 159**, and **116, 63, 61** is the 20% darker color. If you saturate the color by 10%, you get **170, 96, 91**, and if you desaturate by 10%, it is **170, 128, 125**.

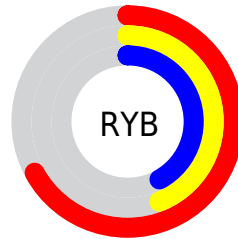
# Distribution



Red (67%)

Green (44%)

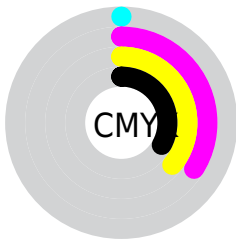
Blue (42%)



Red (67%)

Yellow (44%)

Blue (42%)

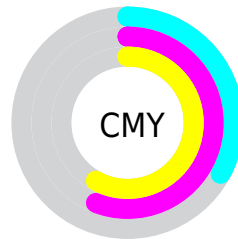


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 170, 112, 108 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 170, 112, 108 by changing the saturation by 10% instead.



 170, 112, 108


255, 255, 255

 227, 164, 159

 255, 192, 186

 255, 220, 214

 255, 248, 242

 170, 112, 108

 143, 87, 84

 116, 63, 61

 90, 40, 39

 64, 18, 19


 42, 0, 0


 0, 0, 0


 170, 112, 108

 170, 96, 91

 170, 80, 74

 170, 112, 108


 170, 128, 125

 170, 144, 142


 170, 64, 57

 170, 160, 159

 170, 48, 40

 170, 176, 176

 170, 32, 23

 170, 192, 193

 170, 17, 6

 170, 207, 210

 170, 11, 0

 170, 223, 227

 170, 239, 244

 170, 255, 255

# Harmonies

## Analogous

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



168, 111, 130



170, 112, 108



161, 118, 91

# Triad

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



170, 112, 108



96, 137, 103



95, 130, 170

# Complementary

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



170, 112, 108



108, 166, 170

# 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.



65, 135, 163



170, 112, 108



71, 139, 124

# Square

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



170, 112, 108



121, 132, 88



55, 139, 146



127, 122, 166

# Rectangle

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



170, 112, 108



150, 123, 85



55, 139, 146



84, 132, 169



# Sweetspot

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



170, 112, 108



222, 199, 197



170, 108, 167



112, 99, 98



240, 240, 240



112, 112, 112



# Same Dimension

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



170, 112, 108



222, 131, 124



170, 142, 108



84, 76, 76



148, 10, 0



20, 1, 0



# Inverse Universe

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



108, 166, 170



124, 216, 222



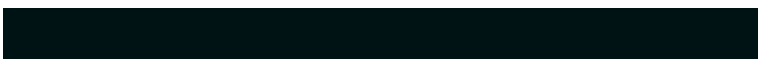
108, 136, 170



76, 84, 84



0, 138, 148



0, 19, 20



# Previews

## White Background



This preview shows how the RGB color 170, 112, 108 looks on a white background.

## Color Contrast Check

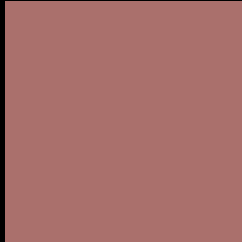
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 112, 108 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 170, 112, 108 Background



This preview shows how black text looks on a background with the RGB color 170, 112, 108.



This preview shows how white text looks on a background with the RGB color 170, 112, 108.

# 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**  
170, 112, 108

**Protanopia**  
132, 127, 116

**Deuteranopia**  
147, 122, 106



**Tritanopia**  
171, 110, 119

# Trichromacy



**Original Color**

170, 112, 108

**Protanomaly**

146, 122, 113

**Deuteranomaly**

155, 118, 107

**Tritanomaly**

171, 111, 115

# Monochromacy



**Original Color**

170, 112, 108

**Achromatopsia**

129, 129, 129

**Achromatomaly**

144, 123, 121

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 170, 112, 108 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(170, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(170, 112, 108)  
}
```

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(170, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 112, 108) }
```

## Border

The CSS property to change the border of an element to RGB 170, 112, 108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

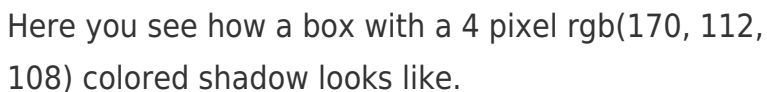
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 112, 108) }
```

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

```
.border{ border-color:rgb(170, 112, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(170, 112,  
108) }
```

# Background

The CSS property to change the background color of an element to RGB 170, 112, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 112, 108) }
```

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

```
.background{ background-color: rgb(170,  
112, 108) }
```

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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