

Converting Colors

RGB(170, 148, 127)

Have a look what the booklet for
RGB(170, 148, 127) contains.

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Color

RGB(170, 148, 127)

Conversions

Conversions Part 1

Format	Color
Hex	AA947F
RGB	170, 148, 127
RGB Percent	67%, 58%, 50%
CMY	0.3333, 0.4196, 0.5020
CMYK	0.00, 0.13, 0.25, 0.33
HSL	29°, 20%, 58%
HSV	29°, 25%, 67%
XYZ	30.9982, 31.2582, 24.4783
YIQ	152.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

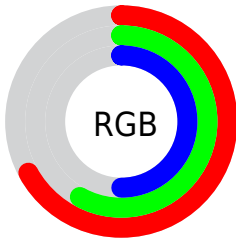
Format	Color
RYB	170, 168, 127
Decimal	11179135
CIELab	62.72, 4.84, 14.12
CIElCh	63, 14.927, 71.099
Yxy	31.2582, 0.3574, 0.3604
Android (android.graphics.Color)	4289369215 (0xFFAA947F)
YUV	152.1840, -12.4157, 15.6246
Hunter-Lab	55.9090, 1.1269, 13.1777

Details

The RGB color **170, 148, 127** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **127, 149, 170**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **226, 202, 180**, and **117, 97, 78** is the 20% darker color. If you saturate the color by 10%, you get **170, 139, 110**, and if you desaturate by 10%, it is **170, 157, 144**.

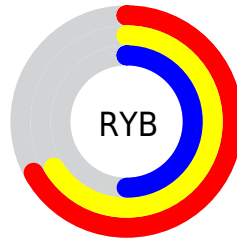
Distribution



Red (67%)

Green (58%)

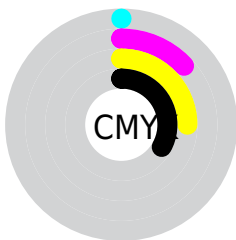
Blue (50%)



Red (67%)

Yellow (66%)

Blue (50%)

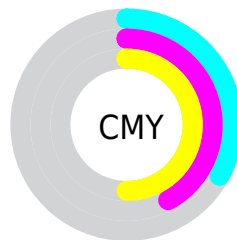


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 148, 127 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, 148, 127 by changing the saturation by 10% instead.


 170, 148, 127

255, 255, 255

 226, 202, 180


 255, 230, 207

 255, 255, 236

 170, 148, 127

 143, 122, 102

 117, 97, 78

 92, 74, 55

 68, 51, 33


 45, 30, 12


 23, 6, 0

 0, 0, 0

 170, 148, 127

 170, 139, 110

 170, 148, 127

 170, 157, 144

■ 170, 131, 93

■ 170, 165, 161

■ 170, 122, 76

■ 170, 174, 178

■ 170, 113, 59

■ 170, 183, 195

■ 170, 105, 42

■ 170, 191, 212

■ 170, 96, 25

■ 170, 200, 229

■ 170, 87, 8

■ 170, 209, 246

■ 170, 83, 0

■ 170, 218, 255

■ 170, 226, 255

Harmonies

Analogous

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



178, 144, 135



170, 148, 127



157, 152, 126

Triad

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



170, 148, 127



118, 160, 156



160, 147, 172

Complementary

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



170, 148, 127



127, 149, 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.



143, 151, 178



170, 148, 127



118, 158, 169

Square

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



170, 148, 127



128, 159, 143



127, 155, 176



173, 143, 161

Rectangle

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



170, 148, 127



147, 155, 129



127, 155, 176



155, 148, 174

Sweetspot

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



170, 148, 127



222, 213, 204



170, 127, 149



112, 106, 101



240, 240, 240



112, 112, 112

Same Dimension

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



170, 148, 127



222, 188, 155



170, 169, 127



84, 80, 76



148, 72, 0



20, 10, 0

Inverse Universe

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



127, 149, 170



155, 189, 222



127, 128, 170



76, 80, 84



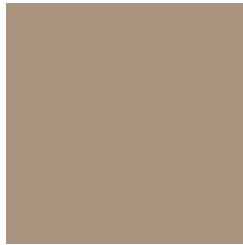
0, 76, 148



0, 10, 20

Previews

White Background



This preview shows how the RGB color 170, 148, 127 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 148, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

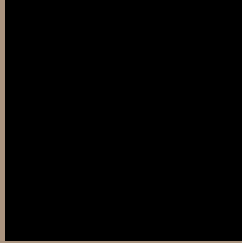
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 170, 148, 127 Background



This preview shows how black text looks on a background with the RGB color 170, 148, 127.



This preview shows how white text looks on a background with the RGB color 170, 148, 127.

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, 148, 127

Protanopia

160, 151, 129

Deuteranopia

175, 146, 127



Tritanopia
173, 144, 155

Trichromacy



Original Color

170, 148, 127

Protanomaly

164, 150, 128

Deuteranomaly

173, 147, 127

Tritanomaly

172, 145, 145

Monochromacy



Original Color

170, 148, 127

Achromatopsia

152, 152, 152

Achromatomaly

159, 151, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 148, 127 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, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 127)  
}
```

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, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 127) }
```

Border

The CSS property to change the border of an element to RGB 170, 148, 127 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, 148, 127) }
```

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

```
.border{ border-color:rgb(170, 148, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 148, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 148, 127); box-shadow:4px 4px 4px 4px rgb(170, 148, 127) }
```

Background

The CSS property to change the background color of an element to RGB 170, 148, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 127) }
```

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

```
.background{ background-color: rgb(170,  
148, 127) }
```

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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