

Converting Colors

RGB(120, 148, 116)

Have a look what the booklet for
RGB(120, 148, 116) contains.

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Color

RGB(120, 148, 116)

Conversions

Conversions Part 1

Format	Color
Hex	789474
RGB	120, 148, 116
RGB Percent	47%, 58%, 45%
CMY	0.5294, 0.4196, 0.5451
CMYK	0.19, 0.00, 0.22, 0.42
HSL	112°, 13%, 52%
HSV	112°, 22%, 58%
XYZ	21.4880, 26.4338, 20.4927
YIQ	135.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

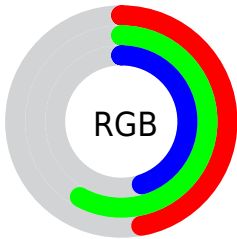
Format	Color
R_{YB}	116, 148, 144
Decimal	7902324
CIE _{Lab}	58.45, -16.30, 13.74
CIE _{LCh}	58, 21.316, 139.862
Yxy	26.4338, 0.3141, 0.3864
Android (android.graphics.Color)	4286092404 (0xFF789474)
YUV	135.9800, -9.8501, -14.0145
Hunter-Lab	51.4138, -15.3715, 12.3577

Details

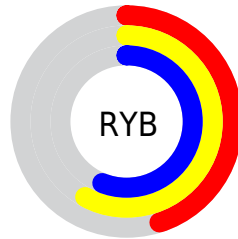
The RGB color **120, 148, 116** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144, 116, 148**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **173, 202, 168**, and **71, 97, 68** is the 20% darker color. If you saturate the color by 10%, you get **107, 148, 101**, and if you desaturate by 10%, it is **133, 148, 131**.

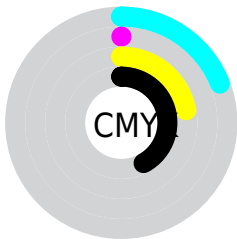
Distribution



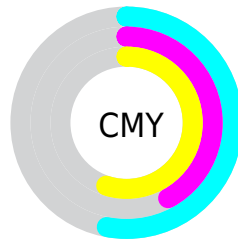
- Red (47%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (56%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (42%)




- Cyan (53%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 148, 116 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 120, 148, 116 by changing the saturation by 10% instead.

 120, 148, 116


255, 255, 255


 173, 202, 168


 200, 230, 195


 228, 255, 223


255, 255, 252


 120, 148, 116


 107, 148, 101

 94, 148, 86

 120, 148, 116

 95, 122, 91


 71, 97, 68

 48, 73, 45


 26, 51, 24

 4, 30, 0

 0, 0, 0

 120, 148, 116

 133, 148, 131

 146, 148, 146

■ 81, 148, 72

■ 159, 148, 160

■ 68, 148, 57

■ 172, 148, 175

■ 55, 148, 42

■ 185, 148, 190

■ 42, 148, 27

■ 198, 148, 205

■ 29, 148, 12

■ 211, 148, 220

■ 19, 148, 0

■ 224, 148, 234

■ 237, 148, 249

Harmonies

Analogous

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



141, 143, 105



120, 148, 116



100, 151, 133

Triad

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



120, 148, 116



109, 144, 177



179, 127, 129

Complementary

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



120, 148, 116



144, 116, 148

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.



174, 128, 148



120, 148, 116



135, 138, 175

Square

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



120, 148, 116



90, 149, 168



158, 132, 165



174, 131, 113

Rectangle

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



120, 148, 116



90, 151, 146



158, 132, 165



178, 127, 135

Sweetspot

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



120, 148, 116



181, 191, 180



148, 144, 116



91, 97, 90



224, 224, 224



97, 97, 97

Same Dimension

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



120, 148, 116



148, 191, 142



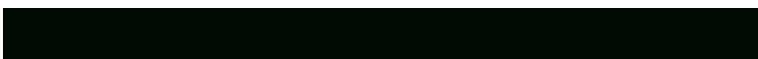
116, 148, 128



67, 74, 67



17, 138, 0



1, 10, 0

Inverse Universe

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



144, 116, 148



185, 142, 191



148, 116, 136



73, 67, 74



120, 0, 138



9, 0, 10

Previews

White Background



This preview shows how the RGB color 120, 148, 116 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 120, 148, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

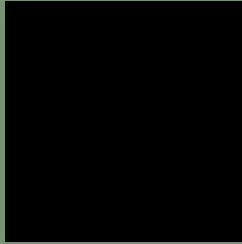
Any Text WCAG AA ✓ Pass

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 120, 148, 116 Background



This preview shows how black text looks on a background with the RGB color 120, 148, 116.



This preview shows how white text looks on a background with the RGB color 120, 148, 116.

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

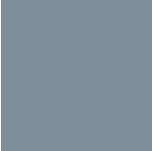
120, 148, 116

Protanopia

149, 140, 112

Deuteranopia

161, 135, 119



Tritanopia
126, 143, 154

Trichromacy



Original Color

120, 148, 116

Protanomaly

138, 143, 113

Deuteranomaly

146, 140, 118

Tritanomaly

124, 145, 140

Monochromacy



Original Color

120, 148, 116

Achromatopsia

136, 136, 136

Achromatomaly

130, 140, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 148, 116 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(120, 148, 116)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 116)  
}
```

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(120, 148, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 116) }
```

Border

The CSS property to change the border of an element to RGB 120, 148, 116 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(120, 148, 116) }
```

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

```
.border{ border-color:rgb(120, 148, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 148, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 148, 116);  
box-shadow:4px 4px 4px 4px rgb(120, 148,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 120, 148, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 116) }
```

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

```
.background{ background-color: rgb(120,  
148, 116) }
```

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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