

# Converting Colors

RGB(160, 156, 118)

Have a look what the booklet for  
RGB(160, 156, 118) contains.

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# **Color**

**RGB(160, 156, 118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A09C76
RGB	160, 156, 118
RGB Percent	63%, 61%, 46%
CMY	0.3725, 0.3882, 0.5373
CMYK	0.00, 0.02, 0.26, 0.37
HSL	54°, 18%, 55%
HSV	54°, 26%, 63%
XYZ	29.6557, 32.5585, 21.8609
YIQ	152.8640, 14.5820, -10.9700

# Conversions

## Conversions Part 2

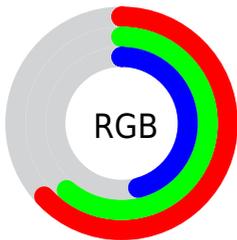
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 160, 118
Decimal	10525814
CIELab	63.80, -4.85, 20.48
CIELCh	64, 21.044, 103.320
Yxy	32.5585, 0.3527, 0.3873
Android (android.graphics.Color)	4288715894 (0xFFA09C76)
YUV	152.8640, -17.1880, 6.2583
Hunter-Lab	57.0601, -7.0838, 17.2268

# Details

The RGB color **160, 156, 118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118, 122, 160**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **215, 210, 170**, and **108, 105, 69** is the 20% darker color. If you saturate the color by 10%, you get **160, 154, 102**, and if you desaturate by 10%, it is **160, 158, 134**.

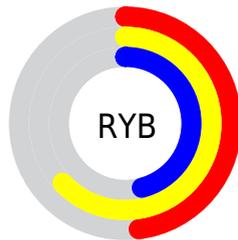
# Distribution



Red (63%)

Green (61%)

Blue (46%)



Red (48%)

Yellow (63%)

Blue (46%)

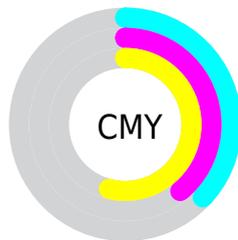


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 160, 156, 118 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 160, 156, 118 by changing the saturation by 10% instead.

 160, 156, 118

255, 255, 255

 215, 210, 170

 244, 239, 198

 255, 255, 226

255, 255, 255

 160, 156, 118

 160, 154, 102

 160, 156, 118

 134, 130, 93

 108, 105, 69

 83, 81, 47

 60, 58, 25

 38, 36, 0

 9, 16, 0

 0, 0, 0

 160, 156, 118

 160, 158, 134

 160, 153, 86

 160, 159, 150

 160, 151, 70

 160, 161, 166

 160, 150, 54

 160, 162, 182

 160, 148, 38

 160, 164, 198

 160, 147, 22

 160, 165, 214

 160, 145, 6

 160, 167, 230

 160, 145, 0

 160, 168, 246

 160, 170, 255

# Harmonies

## Analogous

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



178, 150, 119



160, 156, 118



139, 161, 127

# Triad

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



160, 156, 118



103, 164, 180



186, 142, 166

# Complementary

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



160, 156, 118



118, 122, 160

# 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.



168, 147, 182



160, 156, 118



119, 159, 190

# Square

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



160, 156, 118



104, 165, 162



144, 153, 191



193, 141, 147

# Rectangle

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



160, 156, 118



125, 164, 137



144, 153, 191



181, 144, 172

# Sweetspot

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



160, 156, 118



209, 208, 192



160, 118, 122



105, 104, 94



232, 232, 232



105, 105, 105



# Same Dimension

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



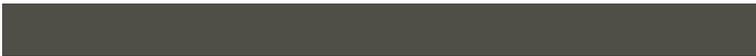
160, 156, 118



209, 203, 142



143, 160, 118



79, 78, 71



143, 129, 0



15, 14, 0



# Inverse Universe

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



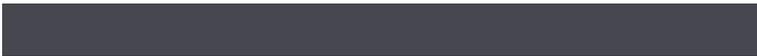
118, 122, 160



142, 149, 209



135, 118, 160



71, 72, 79



0, 14, 143

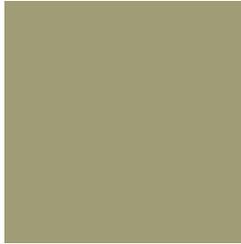


0, 1, 15



# Previews

## White Background



This preview shows how the RGB color 160, 156, 118 looks on a white background.

## Color Contrast Check

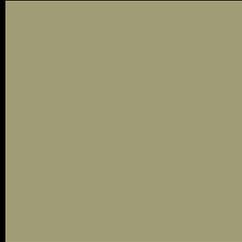
Large Text (above 18pt) WCAG AA × Fail

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 160, 156, 118 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

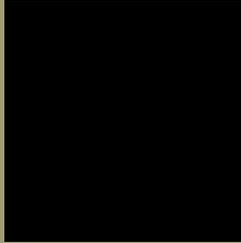
Any Text WCAG AA ✓ Pass

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 160, 156, 118 Background



This preview shows how black text looks on a background with the RGB color 160, 156, 118.



This preview shows how white text looks on a background with the RGB color 160, 156, 118.

# 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**  
160, 156, 118

**Protanopia**  
165, 154, 117

**Deuteranopia**  
181, 148, 120



**Tritanopia**  
165, 150, 162

# Trichromacy



**Original Color**  
160, 156, 118

**Protanomaly**  
163, 155, 117

**Deuteranomaly**  
173, 151, 119

**Tritanomaly**  
163, 152, 146

# Monochromacy



**Original Color**  
160, 156, 118

**Achromatopsia**  
153, 153, 153

**Achromatomaly**  
156, 154, 140

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 160, 156, 118 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(160, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 118)  
}
```

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(160, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 118) }
```

## Border

The CSS property to change the border of an element to RGB 160, 156, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

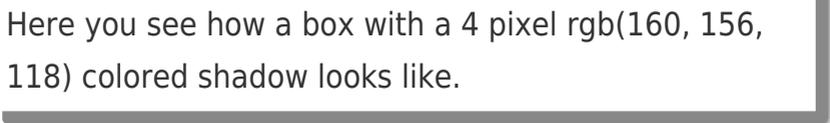
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 156, 118) }
```

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

```
.border{ border-color:rgb(160, 156, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 156, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 156, 118); box-shadow:4px 4px 4px 4px rgb(160, 156, 118) }
```

# Background

The CSS property to change the background color of an element to RGB 160, 156, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 118) }
```

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

```
.background{ background-color: rgb(160,  
156, 118) }
```

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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