

# Converting Colors

RGB(168, 145, 139)

Have a look what the booklet for  
RGB(168, 145, 139) contains.

<b>RGB(168, 145, 139)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(168, 145, 139)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8918B
RGB	168, 145, 139
RGB Percent	66%, 57%, 55%
CMY	0.3412, 0.4314, 0.4549
CMYK	0.00, 0.14, 0.17, 0.34
HSL	12°, 14%, 60%
HSV	12°, 17%, 66%
XYZ	30.9340, 30.4397, 28.6711
YIQ	151.1930, 15.6340, 3.0100

# Conversions

## Conversions Part 2

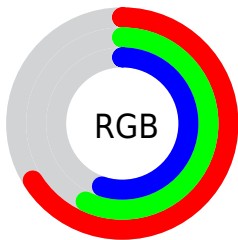
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 147, 139
Decimal	11047307
CIELab	62.03, 7.59, 6.35
CIELCh	62, 9.890, 39.916
Yxy	30.4397, 0.3435, 0.3381
Android (android.graphics.Color)	4289237387 (0xFFA8918B)
YUV	151.1930, -6.0111, 14.7397
Hunter-Lab	55.1722, 3.5304, 7.8095

# Details

The RGB color **168, 145, 139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **139, 162, 168**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **223, 199, 192**, and **116, 95, 89** is the 20% darker color. If you saturate the color by 10%, you get **168, 132, 122**, and if you desaturate by 10%, it is **168, 158, 156**.

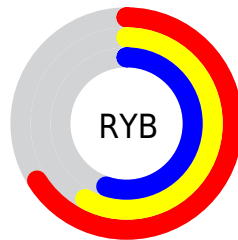
# Distribution



Red (66%)

Green (57%)

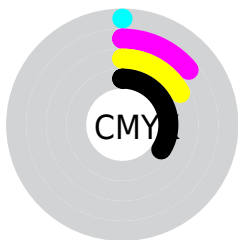
Blue (55%)



Red (66%)

Yellow (58%)

Blue (55%)

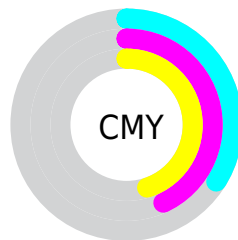


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (34%)



Cyan (34%)

Magenta (43%)

Yellow (45%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 168, 145, 139 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 168, 145, 139 by changing the saturation by 10% instead.



 168, 145, 139


255, 255, 255

 223, 199, 192


 252, 227, 220

 255, 255, 249

 168, 145, 139

 141, 119, 114

 116, 95, 89


 91, 71, 66

 67, 48, 44


 44, 28, 23

 25, 1, 0

 0, 0, 0

 168, 145, 139


 168, 132, 122

 168, 145, 139

 168, 158, 156

 168, 118, 105

 168, 172, 173

 168, 105, 89

 168, 185, 189

 168, 92, 72

 168, 198, 206

 168, 78, 55

 168, 212, 223

 168, 65, 38

 168, 225, 240

 168, 52, 21

 168, 238, 255

 168, 38, 5

 168, 252, 255

 168, 35, 0

 168, 255, 255

# Harmonies

## Analogous

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



169, 144, 147



168, 145, 139



163, 147, 134

# Triad

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



168, 145, 139



135, 155, 144



144, 150, 167

# Complementary

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



168, 145, 139



139, 162, 168

# 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.



134, 152, 166



168, 145, 139



129, 155, 153

# Square

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



168, 145, 139



144, 153, 136



129, 154, 161



155, 147, 163

# Rectangle

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



168, 145, 139



157, 149, 132



129, 154, 161



141, 151, 167



# Sweetspot

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



168, 145, 139



219, 211, 208



168, 139, 162



110, 104, 103



237, 237, 237



110, 110, 110



# Same Dimension

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



168, 145, 139



219, 183, 173



168, 159, 139



84, 77, 76



148, 31, 0



20, 4, 0



# Inverse Universe

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



139, 162, 168



173, 210, 219



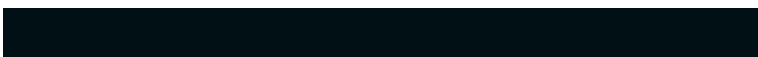
139, 148, 168



76, 82, 84



0, 117, 148



0, 16, 20



# Previews

## White Background



This preview shows how the RGB color 168, 145, 139 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 168, 145, 139 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 168, 145, 139 Background



This preview shows how black text looks on a background with the RGB color 168, 145, 139.



This preview shows how white text looks on a background with the RGB color 168, 145, 139.

# 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**  
168, 145, 139

**Protanopia**  
155, 149, 141

**Deuteranopia**  
169, 145, 139



**Tritanopia**  
170, 143, 154

# Trichromacy



**Original Color**

168, 145, 139

**Protanomaly**

160, 148, 140

**Deuteranomaly**

169, 145, 139

**Tritanomaly**

169, 144, 149

# Monochromacy



**Original Color**

168, 145, 139

**Achromatopsia**

151, 151, 151

**Achromatomaly**

157, 149, 147

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 168, 145, 139 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(168, 145, 139) looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 139)  
}
```

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(168, 145, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 139) }
```

## Border

The CSS property to change the border of an element to RGB 168, 145, 139 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(168, 145, 139) }
```

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

```
.border{ border-color:rgb(168, 145, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
139) }
```

# Background

The CSS property to change the background color of an element to RGB 168, 145, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 139) }
```

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

```
.background{ background-color: rgb(168,  
145, 139) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor