

Converting Colors

RGB(157, 145, 109)

Have a look what the booklet for
RGB(157, 145, 109) contains.

RGB(157, 145, 109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(157, 145, 109)

Conversions

Conversions Part 1

Format	Color
Hex	9D916D
RGB	157, 145, 109
RGB Percent	62%, 57%, 43%
CMY	0.3843, 0.4314, 0.5725
CMYK	0.00, 0.08, 0.31, 0.38
HSL	45°, 20%, 52%
HSV	45°, 31%, 62%
XYZ	26.7903, 28.5230, 18.5615
YIQ	144.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

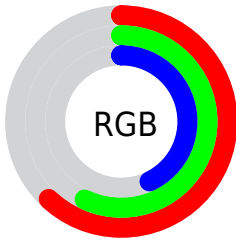
Format	Color
R_{YB}	125, 157, 109
Decimal	10326381
CIE Lab	60.36, -1.30, 20.76
CIE LCh	60, 20.797, 93.583
Yxy	28.5230, 0.3626, 0.3861
Android (android.graphics.Color)	4288516461 (0xFF9D916D)
YUV	144.4840, -17.4936, 10.9765
Hunter-Lab	53.4070, -3.9218, 16.7787

Details

The RGB color **157, 145, 109** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **109, 121, 157**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **212, 199, 161**, and **105, 95, 61** is the 20% darker color. If you saturate the color by 10%, you get **157, 141, 93**, and if you desaturate by 10%, it is **157, 149, 125**.

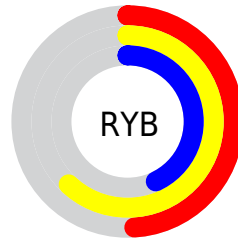
Distribution



Red (62%)

Green (57%)

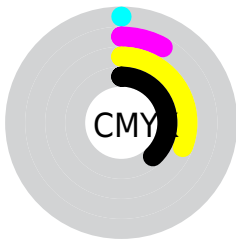
Blue (43%)



Red (49%)

Yellow (62%)

Blue (43%)

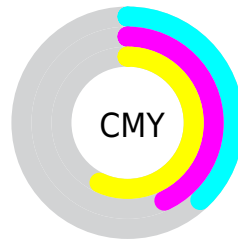


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 145, 109 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 157, 145, 109 by changing the saturation by 10% instead.

 157, 145, 109


255, 255, 255

 212, 199, 161

 241, 227, 188


 255, 255, 216

 255, 255, 244


 157, 145, 109

 157, 141, 93

 157, 145, 109

 131, 119, 85

 105, 95, 61


 80, 71, 39


 56, 49, 18

 35, 28, 0


 0, 2, 0

 0, 0, 0


 157, 145, 109


 157, 149, 125

 157, 137, 78

 157, 153, 140

 157, 133, 62


 157, 157, 156

 157, 129, 46

 157, 161, 172

 157, 125, 30

 157, 165, 188

 157, 121, 15

 157, 169, 203

 157, 118, 0

 157, 172, 219

 157, 176, 235

 157, 180, 250

Harmonies

Analogous

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



173, 139, 113



157, 145, 109



137, 151, 115

Triad

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



157, 145, 109



93, 155, 165



171, 135, 162

Complementary

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



157, 145, 109



109, 121, 157

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.



151, 140, 176



157, 145, 109



104, 152, 178

Square

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



157, 145, 109



99, 156, 147



126, 146, 182



182, 132, 144

Rectangle

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



157, 145, 109



123, 153, 123



126, 146, 182



165, 136, 167

Sweetspot

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



157, 145, 109



204, 199, 186



157, 109, 121



102, 99, 91



230, 230, 230



102, 102, 102

Same Dimension

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



157, 145, 109



204, 185, 129



146, 157, 109



79, 77, 71



143, 107, 0



15, 11, 0

Inverse Universe

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



109, 121, 157



129, 147, 204



121, 109, 157



71, 73, 79



0, 36, 143



0, 4, 15

Previews

White Background



This preview shows how the RGB color 157, 145, 109 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 157, 145, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

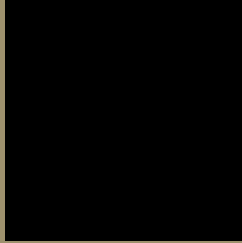
Any Text WCAG AA ✓ Pass

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 157, 145, 109 Background



This preview shows how black text looks on a background with the RGB color 157, 145, 109.



This preview shows how white text looks on a background with the RGB color 157, 145, 109.

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
157, 145, 109

Protanopia
156, 145, 109

Deuteranopia
171, 140, 110



Tritanopia
162, 140, 150

Trichromacy



Original Color

157, 145, 109

Protanomaly

156, 145, 109

Deuteranomaly

166, 142, 110

Tritanomaly

160, 142, 135

Monochromacy



Original Color

157, 145, 109

Achromatopsia

144, 144, 144

Achromatomaly

149, 144, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 145, 109 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(157, 145, 109)` looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 109)  
}
```

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(157, 145, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 109) }
```

Border

The CSS property to change the border of an element to RGB 157, 145, 109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

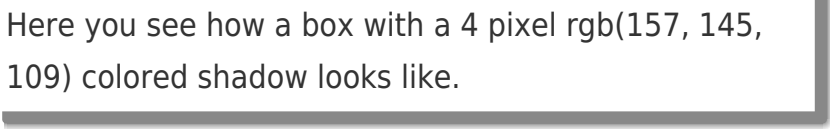
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 145, 109) }
```

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

```
.border{ border-color:rgb(157, 145, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 145, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 145, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 145, 109); box-shadow:4px 4px 4px 4px rgb(157, 145, 109) }
```

Background

The CSS property to change the background color of an element to RGB 157, 145, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 109) }
```

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

```
.background{ background-color: rgb(157,  
145, 109) }
```

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