

Converting Colors

RGB(142, 109, 102)

Have a look what the booklet for
RGB(142, 109, 102) contains.

RGB(142, 109, 102)	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(142, 109, 102)

Conversions

Conversions Part 1

Format	Color
Hex	8E6D66
RGB	142, 109, 102
RGB Percent	56%, 43%, 40%
CMY	0.4431, 0.5725, 0.6000
CMYK	0.00, 0.23, 0.28, 0.44
HSL	10°, 16%, 48%
HSV	10°, 28%, 56%
XYZ	19.0222, 17.6474, 14.9741
YIQ	118.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

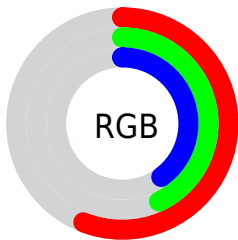
Format	Color
R_{YB}	142, 110, 102
Decimal	9334118
CIE _{Lab}	49.07, 12.01, 8.95
CIE _{LCh}	49, 14.979, 36.682
Yxy	17.6474, 0.3683, 0.3417
Android (android.graphics.Color)	4287524198 (0xFF8E6D66)
YUV	118.0690, -7.9220, 20.9875
Hunter-Lab	42.0088, 7.3123, 8.2722

Details

The RGB color **142, 109, 102** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 135, 142**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **196, 161, 153**, and **91, 61, 55** is the 20% darker color. If you saturate the color by 10%, you get **142, 97, 88**, and if you desaturate by 10%, it is **142, 121, 116**.

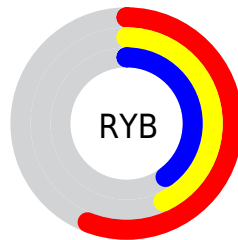
Distribution



Red (56%)

Green (43%)

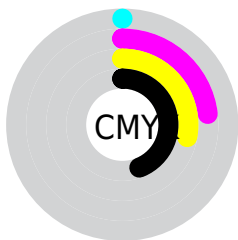
Blue (40%)



Red (56%)

Yellow (43%)

Blue (40%)

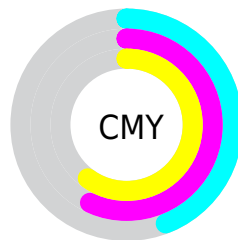


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (44%)



Cyan (44%)

Magenta (57%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 109, 102 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 142, 109, 102 by changing the saturation by 10% instead.

 142, 109, 102

255, 255, 255

 196, 161, 153

 225, 188, 180


 254, 215, 207


 255, 244, 235


 142, 109, 102

 142, 97, 88

 142, 86, 74

 142, 109, 102

 116, 85, 78


 91, 61, 55


 66, 39, 34


 44, 19, 12

 19, 0, 0

 0, 0, 0

 142, 109, 102


 142, 121, 116

 142, 132, 130


 142, 74, 59

 142, 144, 145


 142, 62, 45

 142, 156, 159


 142, 50, 31

 142, 168, 173

 142, 39, 17

 142, 179, 187

 142, 27, 3

 142, 191, 201

 142, 25, 0

 142, 203, 216

 142, 214, 230

Harmonies

Analogous

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



142, 108, 114



142, 109, 102



135, 112, 94

Triad

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



142, 109, 102



95, 123, 106



106, 117, 142

Complementary

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



142, 109, 102



102, 135, 142

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.



90, 121, 139



142, 109, 102



85, 124, 119

Square

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



142, 109, 102



109, 120, 96



82, 123, 131



122, 112, 137

Rectangle

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



142, 109, 102



128, 115, 91



82, 123, 131



100, 118, 142

Sweetspot

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



142, 109, 102



184, 171, 169



142, 102, 135



92, 84, 83



219, 219, 219



92, 92, 92

Same Dimension

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



142, 109, 102



184, 132, 121



142, 129, 102



71, 66, 64



135, 24, 0



8, 1, 0

Inverse Universe

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



102, 135, 142



121, 173, 184



102, 115, 142



64, 70, 71



0, 111, 135



0, 6, 8

Previews

White Background



This preview shows how the RGB color 142, 109, 102 looks on a white background.

Color Contrast Check

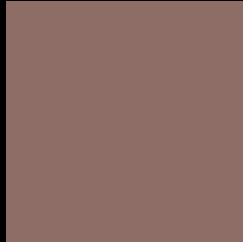
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 142, 109, 102 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 142, 109, 102 Background



This preview shows how black text looks on a background with the RGB color 142, 109, 102.

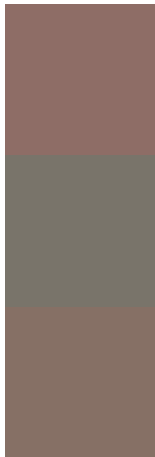


This preview shows how white text looks on a background with the RGB color 142, 109, 102.

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
142, 109, 102

Protanopia
121, 116, 106

Deuteranopia
134, 112, 101



Tritanopia
143, 107, 115

Trichromacy



Original Color

142, 109, 102

Protanomaly

129, 113, 105

Deuteranomaly

137, 111, 101

Tritanomaly

143, 108, 110

Monochromacy



Original Color

142, 109, 102

Achromatopsia

118, 118, 118

Achromatomaly

127, 115, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 109, 102 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(142, 109, 102) looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 102)  
}
```

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(142, 109, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 102) }
```

Border

The CSS property to change the border of an element to RGB 142, 109, 102 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(142, 109, 102) }
```

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

```
.border{ border-color:rgb(142, 109, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 102);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 142, 109, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 102) }
```

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

```
.background{ background-color: rgb(142,  
109, 102) }
```

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