

Converting Colors

RGB(168, 138, 122)

Have a look what the booklet for
RGB(168, 138, 122) contains.

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Color

RGB(168, 138, 122)

Conversions

Conversions Part 1

Format	Color
Hex	A88A7A
RGB	168, 138, 122
RGB Percent	66%, 54%, 48%
CMY	0.3412, 0.4588, 0.5216
CMYK	0.00, 0.18, 0.27, 0.34
HSL	21°, 21%, 57%
HSV	21°, 27%, 66%
XYZ	28.7498, 27.9069, 22.2837
YIQ	145.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

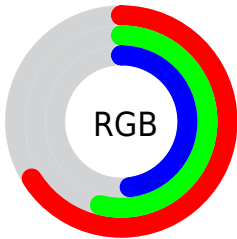
Format	Color
R_{YB}	168, 147, 122
Decimal	11045498
CIE _{Lab}	59.80, 8.89, 12.84
CIE _{LCh}	60, 15.615, 55.287
Yxy	27.9069, 0.3642, 0.3535
Android (android.graphics.Color)	4289235578 (0xFFA88A7A)
YUV	145.1460, -11.4110, 20.0430
Hunter-Lab	52.8270, 4.6969, 11.9690

Details

The RGB color **168, 138, 122** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **122, 152, 168**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **224, 191, 174**, and **115, 88, 73** is the 20% darker color. If you saturate the color by 10%, you get **168, 127, 105**, and if you desaturate by 10%, it is **168, 149, 139**.

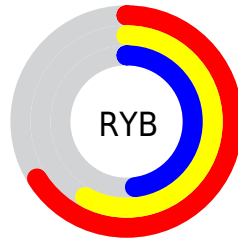
Distribution



Red (66%)

Green (54%)

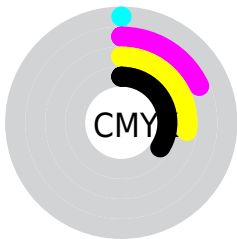
Blue (48%)



Red (66%)

Yellow (58%)

Blue (48%)

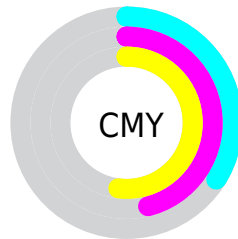


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 138, 122 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, 138, 122 by changing the saturation by 10% instead.


 168, 138, 122


255, 255, 255


 224, 191, 174

 253, 219, 202

 255, 248, 230

 168, 138, 122

 141, 113, 97

 115, 88, 73

 90, 65, 51

 66, 43, 30

 43, 22, 5


 19, 0, 0


 0, 0, 0

 168, 138, 122


 168, 127, 105


 168, 138, 122

 168, 149, 139

 168, 116, 88

 168, 160, 156

 168, 105, 72

 168, 171, 172

 168, 94, 55

 168, 182, 189

 168, 83, 38

 168, 193, 206

 168, 72, 21

 168, 204, 223

 168, 61, 4

 168, 215, 240

 168, 58, 0

 168, 226, 255

 168, 237, 255

Harmonies

Analogous

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



173, 135, 133



168, 138, 122



157, 142, 117

Triad

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



168, 138, 122



113, 152, 141



144, 141, 169

Complementary

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



168, 138, 122



122, 152, 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.



126, 146, 171



168, 138, 122



107, 152, 155

Square

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



168, 138, 122



127, 150, 128



112, 150, 166



160, 137, 160

Rectangle

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



168, 138, 122



147, 145, 118



112, 150, 166



138, 143, 170

Sweetspot

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



168, 138, 122



219, 208, 202



168, 122, 153



110, 102, 99



237, 237, 237



110, 110, 110

Same Dimension

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



168, 138, 122



219, 172, 147



168, 160, 122



84, 79, 76



148, 51, 0



20, 7, 0

Inverse Universe

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



122, 152, 168



147, 194, 219



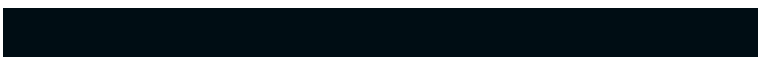
122, 130, 168



76, 81, 84



0, 96, 148



0, 13, 20

Previews

White Background



This preview shows how the RGB color 168, 138, 122 looks on a white background.

Color Contrast Check

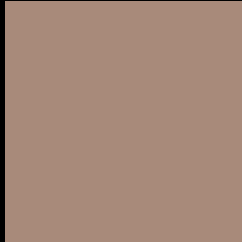
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 138, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

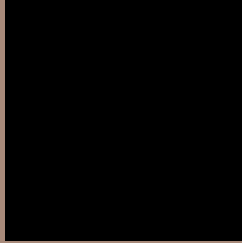
Any Text WCAG AA ✓ Pass

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 168, 138, 122 Background



This preview shows how black text looks on a background with the RGB color 168, 138, 122.



This preview shows how white text looks on a background with the RGB color 168, 138, 122.

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, 138, 122

Protanopia

151, 144, 125

Deuteranopia

166, 139, 122



Tritanopia
171, 135, 145

Trichromacy



Original Color

168, 138, 122

Protanomaly

157, 142, 124

Deuteranomaly

167, 139, 122

Tritanomaly

170, 136, 137

Monochromacy



Original Color

168, 138, 122

Achromatopsia

145, 145, 145

Achromatomaly

153, 142, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 138, 122 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, 138, 122) looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 122)  
}
```

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, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 122) }
```

Border

The CSS property to change the border of an element to RGB 168, 138, 122 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, 138, 122) }
```

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

```
.border{ border-color:rgb(168, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 168, 138, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 122) }
```

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

```
.background{ background-color: rgb(168,  
138, 122) }
```

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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