

Converting Colors

RGB(202, 129, 103)

Have a look what the booklet for
RGB(202, 129, 103) contains.

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Color

RGB(202, 129, 103)

Conversions

Conversions Part 1

Format	Color
Hex	CA8167
RGB	202, 129, 103
RGB Percent	79%, 51%, 40%
CMY	0.2078, 0.4941, 0.5961
CMYK	0.00, 0.36, 0.49, 0.21
HSL	16°, 48%, 60%
HSV	16°, 49%, 79%
XYZ	34.6556, 29.2363, 16.6486
YIQ	147.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

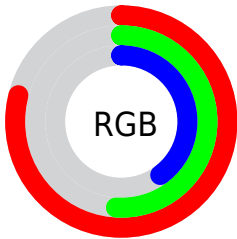
Format	Color
R_{YB}	202, 138, 103
Decimal	13271399
CIE _{Lab}	60.99, 25.35, 25.79
CIE _{LCh}	61, 36.166, 45.496
Yxy	29.2363, 0.4303, 0.3630
Android (android.graphics.Color)	4291461479 (0xFFCA8167)
YUV	147.8630, -22.1175, 47.4781
Hunter-Lab	54.0706, 19.7826, 19.5938

Details

The RGB color **202, 129, 103** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 176, 202**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 182, 154**, and **145, 79, 56** is the 20% darker color. If you saturate the color by 10%, you get **202, 114, 83**, and if you desaturate by 10%, it is **202, 144, 123**.

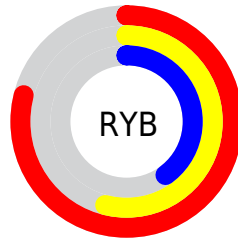
Distribution



Red (79%)

Green (51%)

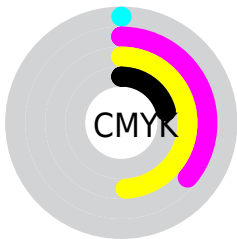
Blue (40%)



Red (79%)

Yellow (54%)

Blue (40%)

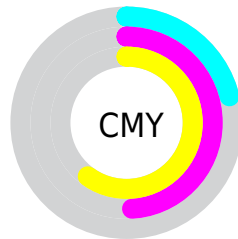


Cyan (0%)

Magenta (36%)

Yellow (49%)

Black (21%)



Cyan (21%)


Magenta (49%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 129, 103 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 202, 129, 103 by changing the saturation by 10% instead.

 202, 129, 103


255, 255, 255

 255, 182, 154

 255, 210, 181

 255, 239, 209

 255, 255, 237

 202, 129, 103

 173, 104, 79

 145, 79, 56

 117, 55, 34

 90, 32, 12

 64, 9, 0


 41, 0, 1

 0, 0, 0

 202, 129, 103

 202, 114, 83

 202, 129, 103

 202, 144, 123

■ 202, 99, 63

■ 202, 159, 143

■ 202, 84, 42

■ 202, 174, 164

■ 202, 69, 22

■ 202, 189, 184

■ 202, 55, 2

■ 202, 203, 204

■ 202, 53, 0

■ 202, 218, 224

■ 202, 233, 244

■ 202, 248, 255

■ 202, 255, 255

Harmonies

Analogous

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



209, 122, 132



202, 129, 103



181, 140, 85

Triad

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



202, 129, 103



73, 163, 130



127, 145, 209

Complementary

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



202, 129, 103



103, 176, 202

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.



69, 155, 208



202, 129, 103



1, 164, 163

Square

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



202, 129, 103



115, 158, 101



0, 161, 192



171, 133, 192

Rectangle

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



202, 129, 103



162, 147, 83



0, 161, 192



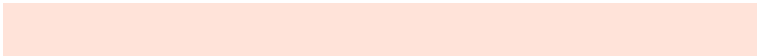
109, 148, 210

Sweetspot

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



202, 129, 103



255, 227, 217



202, 103, 177



128, 111, 105



0, 0, 0



128, 128, 128

Same Dimension

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



202, 129, 103



255, 144, 105



202, 177, 103



102, 94, 92



166, 44, 0



38, 10, 0

Inverse Universe

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



103, 176, 202



105, 215, 255



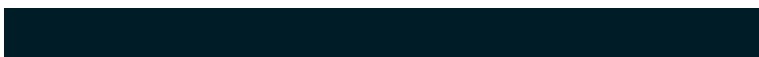
103, 128, 202



92, 99, 102



0, 122, 166



0, 28, 38

Previews

White Background



This preview shows how the RGB color 202, 129, 103 looks on a white background.

Color Contrast Check

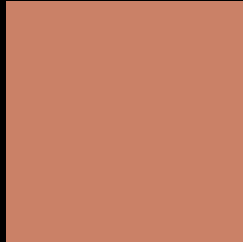
Large Text (above 18pt) WCAG AA ✓ Pass

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 202, 129, 103 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 202, 129, 103 Background



This preview shows how black text looks on a background with the RGB color 202, 129, 103.

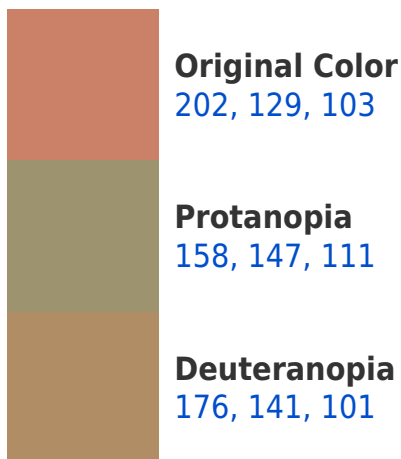


This preview shows how white text looks on a background with the RGB color 202, 129, 103.

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





Tritanopia
204, 125, 134

Trichromacy



Original Color

202, 129, 103

Protanomaly

174, 140, 108

Deuteranomaly

185, 137, 102

Tritanomaly

203, 126, 123

Monochromacy



Original Color

202, 129, 103

Achromatopsia

148, 148, 148

Achromatomaly

168, 141, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 129, 103 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(202, 129, 103)` looks like.

```
.text, #text, p{  
    color:rgb(202, 129, 103)  
}
```

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(202, 129, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 129, 103) }
```

Border

The CSS property to change the border of an element to RGB 202, 129, 103 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(202, 129, 103) }
```

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

```
.border{ border-color:rgb(202, 129, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 129, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 129, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 129, 103);  
box-shadow:4px 4px 4px 4px rgb(202, 129,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 202, 129, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 129, 103) }
```

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

```
.background{ background-color: rgb(202,  
129, 103) }
```

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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