

Converting Colors

RGB(208, 149, 103)

Have a look what the booklet for
RGB(208, 149, 103) contains.

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Color

RGB(208, 149, 103)

Conversions

Conversions Part 1

Format	Color
Hex	D09567
RGB	208, 149, 103
RGB Percent	82%, 58%, 40%
CMY	0.1843, 0.4157, 0.5961
CMYK	0.00, 0.28, 0.50, 0.18
HSL	26°, 53%, 61%
HSV	26°, 50%, 82%
XYZ	39.2081, 35.8841, 17.6918
YIQ	161.3970, 49.9300, -1.7980

Conversions

Conversions Part 2

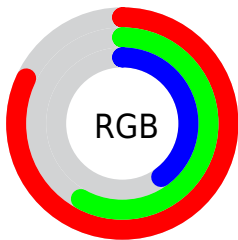
Format	Color
R_{YB}	208, 185, 103
Decimal	13669735
CIE _{Lab}	66.43, 16.90, 32.99
CIE _{LCh}	66, 37.063, 62.876
Yxy	35.8841, 0.4226, 0.3867
Android (android.graphics.Color)	4291859815 (0xFFD09567)
YUV	161.3970, -28.7897, 40.8708
Hunter-Lab	59.9033, 12.0014, 24.4217

Details

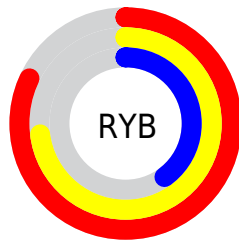
The RGB color **208, 149, 103** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **103, 162, 208**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 203, 155**, and **151, 98, 55** is the 20% darker color. If you saturate the color by 10%, you get **208, 137, 82**, and if you desaturate by 10%, it is **208, 161, 124**.

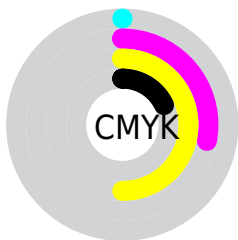
Distribution



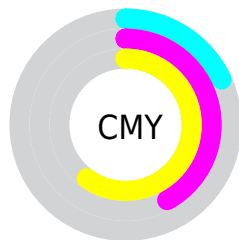
- Red (82%)
- Green (58%)
- Blue (40%)



- Red (82%)
- Yellow (73%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 149, 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 208, 149, 103 by changing the saturation by 10% instead.


 208, 149, 103

 208, 149, 103

255, 255, 255

 179, 123, 78

 255, 203, 155

 151, 98, 55

 255, 231, 182

 123, 74, 32

 255, 255, 210

 96, 51, 9

 255, 255, 238


 70, 30, 0

 44, 8, 0

 4, 0, 0

 0, 0, 0

 208, 149, 103

 208, 149, 103

208, 137, 82

208, 161, 124

208, 126, 61

208, 172, 145

208, 114, 41

208, 184, 165

208, 102, 20

208, 196, 186

208, 91, 0

208, 207, 207

208, 219, 228

208, 231, 249

208, 243, 255

208, 254, 255

Harmonies

Analogous

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



224, 139, 127



208, 149, 103



180, 161, 94

Triad

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



208, 149, 103



57, 179, 164



169, 152, 217

Complementary

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



208, 149, 103



103, 162, 208

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.



118, 164, 228



208, 149, 103



0, 178, 197

Square

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



208, 149, 103



105, 177, 130



56, 173, 220



206, 141, 192

Rectangle

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



208, 149, 103



157, 167, 99



56, 173, 220



154, 156, 223

Sweetspot

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



208, 149, 103



255, 234, 217



208, 103, 162



128, 115, 105



0, 0, 0



128, 128, 128

Same Dimension

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



208, 149, 103



255, 168, 99



208, 201, 103



105, 99, 94



168, 74, 0



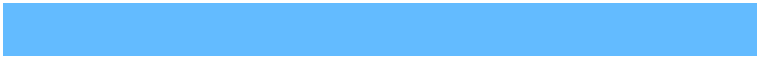
41, 18, 0

Inverse Universe

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



103, 162, 208



99, 187, 255



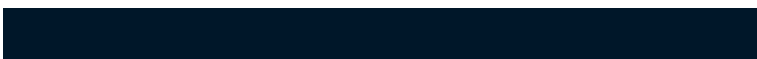
103, 110, 208



94, 100, 105



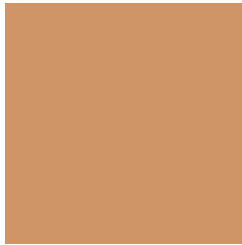
0, 95, 168



0, 23, 41

Previews

White Background



This preview shows how the RGB color 208, 149, 103 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 208, 149, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

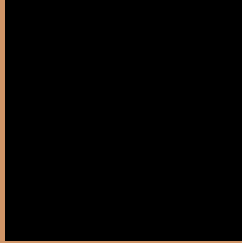
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 208, 149, 103 Background



This preview shows how black text looks on a background with the RGB color 208, 149, 103.



This preview shows how white text looks on a background with the RGB color 208, 149, 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



Original Color
208, 149, 103

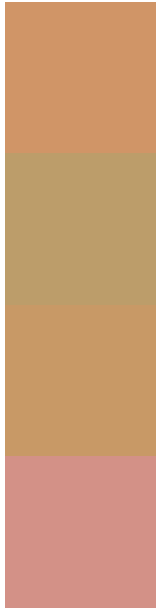
Protanopia
176, 162, 108

Deuteranopia
195, 155, 102



Tritanopia
212, 143, 153

Trichromacy



Original Color
208, 149, 103

Protanomaly
188, 157, 106

Deuteranomaly
200, 153, 102

Tritanomaly
211, 145, 135

Monochromacy



Original Color
208, 149, 103

Achromatopsia
161, 161, 161

Achromatomaly
178, 157, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 149, 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(208, 149, 103) looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 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(208, 149, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 103) }
```

Border

The CSS property to change the border of an element to RGB 208, 149, 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(208, 149, 103) }
```

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

```
.border{ border-color:rgb(208, 149, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 103);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 208, 149, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 103) }
```

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

```
.background{ background-color: rgb(208,  
149, 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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