

Converting Colors

RGB(205, 168, 121)

Have a look what the booklet for
RGB(205, 168, 121) contains.

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Color

RGB(205, 168, 121)

Conversions

Conversions Part 1

Format	Color
Hex	CDA879
RGB	205, 168, 121
RGB Percent	80%, 66%, 47%
CMY	0.1961, 0.3412, 0.5255
CMYK	0.00, 0.18, 0.41, 0.20
HSL	34°, 46%, 64%
HSV	34°, 41%, 80%
XYZ	42.6307, 42.3649, 24.0195
YIQ	173.7050, 37.1390, -6.7730

Conversions

Conversions Part 2

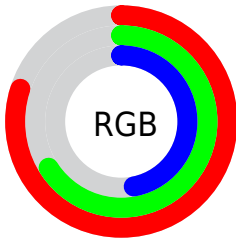
Format	Color
RYB	187, 205, 121
Decimal	13478009
CIELab	71.12, 7.21, 29.36
CIElCh	71, 30.236, 76.205
Yxy	42.3649, 0.3911, 0.3886
Android (android.graphics.Color)	4291668089 (0xFFCDA879)
YUV	173.7050, -25.9836, 27.4457
Hunter-Lab	65.0883, 3.0070, 23.6820

Details

The RGB color **205, 168, 121** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **121, 158, 205**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 223, 174**, and **149, 116, 72** is the 20% darker color. If you saturate the color by 10%, you get **205, 159, 101**, and if you desaturate by 10%, it is **205, 177, 142**.

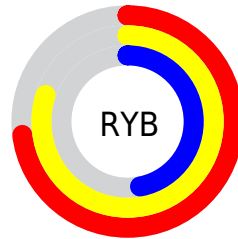
Distribution



Red (80%)

Green (66%)

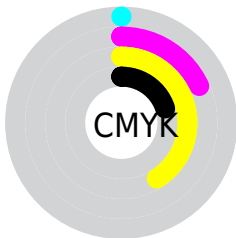
Blue (47%)



Red (73%)

Yellow (80%)

Blue (47%)

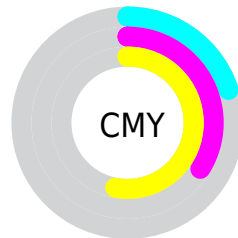


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 168, 121 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 205, 168, 121 by changing the saturation by 10% instead.

 205, 168, 121

 205, 168, 121

255, 255, 255

 177, 142, 96

 255, 223, 174


 149, 116, 72

 255, 252, 201

 122, 92, 48

 255, 255, 230

 96, 68, 26


 71, 46, 2

 46, 25, 0

 21, 0, 0


 0, 0, 0

 205, 168, 121


 205, 168, 121

 205, 159, 101


 205, 177, 142

 205, 150, 80


 205, 186, 162

 205, 141, 60

 205, 195, 183

 205, 132, 39

 205, 204, 203

 205, 123, 19

 205, 213, 224

 205, 115, 0

 205, 222, 244

 205, 231, 255

 205, 240, 255

 205, 249, 255

Harmonies

Analogous

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



223, 159, 136



205, 168, 121



178, 177, 121

Triad

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



205, 168, 121



90, 189, 188



196, 162, 212

Complementary

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



205, 168, 121



121, 158, 205

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.



160, 172, 227



205, 168, 121



90, 187, 213

Square

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



205, 168, 121



115, 188, 160



120, 181, 227



221, 155, 188

Rectangle

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



205, 168, 121



158, 182, 129



120, 181, 227



185, 165, 219

Sweetspot

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



205, 168, 121



255, 242, 224



205, 121, 159



128, 120, 110



0, 0, 0



128, 128, 128

Same Dimension

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



205, 168, 121



255, 200, 130



201, 205, 121



102, 98, 92



166, 93, 0



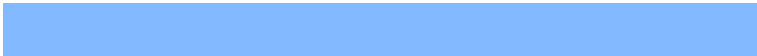
38, 21, 0

Inverse Universe

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



121, 158, 205



130, 185, 255



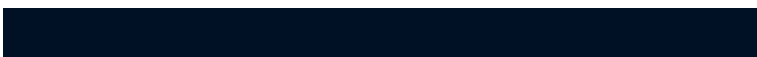
125, 121, 205



92, 96, 102



0, 73, 166



0, 17, 38

Previews

White Background



This preview shows how the RGB color 205, 168, 121 looks on a white background.

Color Contrast Check

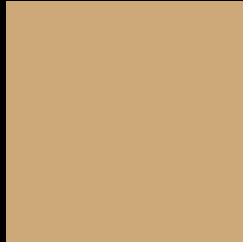
Large Text (above 18pt) WCAG AA × Fail

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 205, 168, 121 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 205, 168, 121 Background



This preview shows how black text looks on a background with the RGB color 205, 168, 121.




This preview shows how white text looks on a background with the RGB color 205, 168, 121.

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](#).

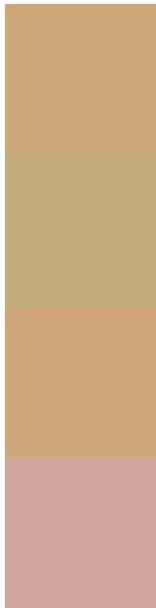
Dichromacy

	Original Color 205, 168, 121
	Protanopia 188, 174, 124
	Deuteranopia 208, 167, 121



Tritanopia
210, 161, 174

Trichromacy



Original Color
205, 168, 121

Protanomaly
194, 172, 123

Deuteranomaly
207, 167, 121

Tritanomaly
208, 164, 155

Monochromacy



Original Color
205, 168, 121

Achromatopsia
174, 174, 174

Achromatomaly
185, 172, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 168, 121 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(205, 168, 121)` looks like.

```
.text, #text, p{  
    color:rgb(205, 168, 121)  
}
```

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(205, 168, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 168, 121) }
```

Border

The CSS property to change the border of an element to RGB 205, 168, 121 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(205, 168, 121) }
```

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

```
.border{ border-color:rgb(205, 168, 121) }
```

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

Here you see how a box with a 4 pixel rgb(205, 168, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 168, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 168, 121);  
box-shadow:4px 4px 4px 4px rgb(205, 168,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 205, 168, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 168, 121) }
```

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

```
.background{ background-color: rgb(205,  
168, 121) }
```

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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