

Converting Colors

RGB(196, 163, 121)

Have a look what the booklet for
RGB(196, 163, 121) contains.

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Color

RGB(196, 163, 121)

Conversions

Conversions Part 1

Format	Color
Hex	C4A379
RGB	196, 163, 121
RGB Percent	77%, 64%, 47%
CMY	0.2314, 0.3608, 0.5255
CMYK	0.00, 0.17, 0.38, 0.23
HSL	34°, 39%, 62%
HSV	34°, 38%, 77%
XYZ	39.3133, 39.3106, 23.6048
YIQ	168.0790, 33.1500, -6.0660

Conversions

Conversions Part 2

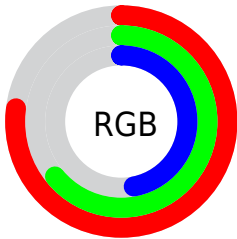
Format	Color
RYB	180, 196, 121
Decimal	12886905
CIELab	68.98, 6.26, 26.36
CIELCh	69, 27.097, 76.635
Yxy	39.3106, 0.3846, 0.3845
Android (android.graphics.Color)	4291076985 (0xFFC4A379)
YUV	168.0790, -23.2099, 24.4867
Hunter-Lab	62.6982, 2.2021, 21.5670

Details

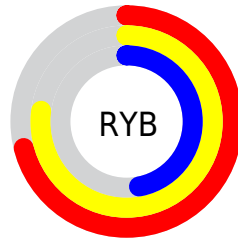
The RGB color **196, 163, 121** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **121, 154, 196**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **254, 218, 174**, and **141, 111, 72** is the 20% darker color. If you saturate the color by 10%, you get **196, 154, 101**, and if you desaturate by 10%, it is **196, 172, 141**.

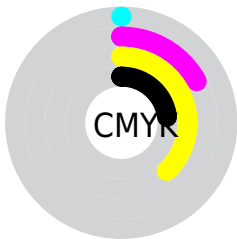
Distribution



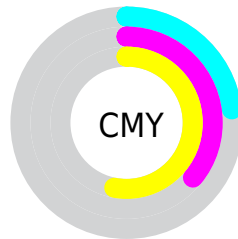
- Red (77%)
- Green (64%)
- Blue (47%)



- Red (71%)
- Yellow (77%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 163, 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 196, 163, 121 by changing the saturation by 10% instead.


 196, 163, 121

255, 255, 255


 254, 218, 174


 255, 246, 201

 255, 255, 229

 196, 163, 121

 168, 137, 96

 141, 111, 72

 114, 87, 49

 89, 64, 27


 64, 42, 2

 40, 22, 0


 5, 0, 0


 0, 0, 0

 196, 163, 121


 196, 163, 121

 196, 154, 101


 196, 172, 141


 196, 146, 82


 196, 180, 160

 196, 137, 62

 196, 189, 180

 196, 129, 43

 196, 197, 199

 196, 120, 23

 196, 206, 219

 196, 111, 3

 196, 215, 239

 196, 110, 0

 196, 223, 255

 196, 232, 255

 196, 241, 255

Harmonies

Analogous

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



213, 155, 134



196, 163, 121



172, 171, 121

Triad

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



196, 163, 121



96, 182, 181



189, 157, 202

Complementary

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



196, 163, 121



121, 154, 196

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.



157, 166, 215



196, 163, 121



97, 180, 203

Square

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



196, 163, 121



116, 181, 156



122, 174, 215



210, 151, 180

Rectangle

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



196, 163, 121



154, 176, 128



122, 174, 215



179, 160, 208

Sweetspot

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



196, 163, 121



255, 243, 227



196, 121, 155



128, 120, 111



0, 0, 0



128, 128, 128

Same Dimension

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



196, 163, 121



255, 203, 138



192, 196, 121



97, 93, 87



161, 90, 0



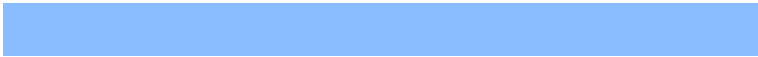
33, 19, 0

Inverse Universe

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



121, 154, 196



138, 189, 255



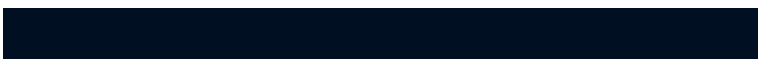
125, 121, 196



87, 91, 97



0, 71, 161



0, 15, 33

Previews

White Background



This preview shows how the RGB color 196, 163, 121 looks on a white background.

Color Contrast Check

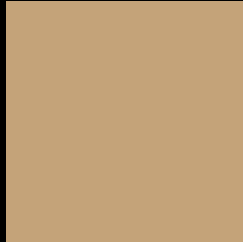
Large Text (above 18pt) WCAG AA × Fail

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 196, 163, 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 196, 163, 121 Background



This preview shows how black text looks on a background with the RGB color 196, 163, 121.



This preview shows how white text looks on a background with the RGB color 196, 163, 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
196, 163, 121

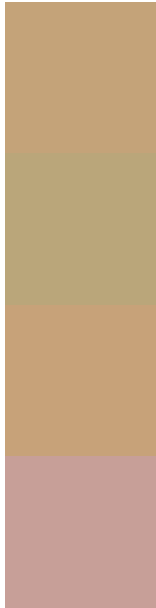
Protanopia
181, 168, 123

Deuteranopia
200, 161, 121



Tritanopia
201, 157, 169

Trichromacy



Original Color
196, 163, 121

Protanomaly
186, 166, 122

Deuteranomaly
199, 162, 121

Tritanomaly
199, 159, 152

Monochromacy



Original Color
196, 163, 121

Achromatopsia
168, 168, 168

Achromatomaly
178, 166, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 163, 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(196, 163, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 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(196, 163, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 121) }
```

Border

The CSS property to change the border of an element to RGB 196, 163, 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(196, 163, 121) }
```

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

```
.border{ border-color:rgb(196, 163, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 196, 163, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 121) }
```

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

```
.background{ background-color: rgb(196,  
163, 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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