

Converting Colors

RGB(202, 166, 129)

Have a look what the booklet for
RGB(202, 166, 129) contains.

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Color

RGB(202, 166, 129)

Conversions

Conversions Part 1

Format	Color
Hex	CAA681
RGB	202, 166, 129
RGB Percent	79%, 65%, 51%
CMY	0.2078, 0.3490, 0.4941
CMYK	0.00, 0.18, 0.36, 0.21
HSL	30°, 41%, 65%
HSV	30°, 36%, 79%
XYZ	41.9558, 41.4140, 26.5513
YIQ	172.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

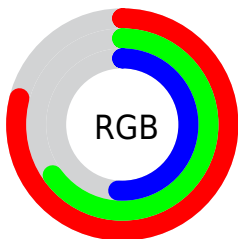
Format	Color
R _Y B	200, 202, 129
Decimal	13280897
CIE Lab	70.46, 8.01, 24.13
CIE LCh	70, 25.422, 71.633
Yxy	41.4140, 0.3817, 0.3768
Android (android.graphics.Color)	4291470977 (0xFFCAA681)
YUV	172.5460, -21.4682, 25.8312
Hunter-Lab	64.3537, 3.7552, 20.5855

Details

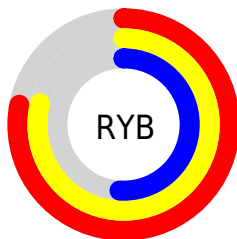
The RGB color **202, 166, 129** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129, 165, 202**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 221, 182**, and **147, 114, 79** is the 20% darker color. If you saturate the color by 10%, you get **202, 156, 109**, and if you desaturate by 10%, it is **202, 176, 149**.

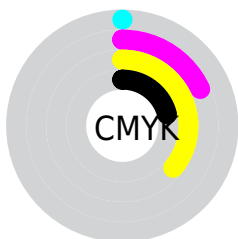
Distribution



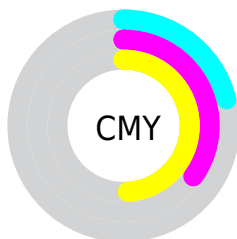
- Red (79%)
- Green (65%)
- Blue (51%)



- Red (78%)
- Yellow (79%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (21%)



- Cyan (21%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 166, 129 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, 166, 129 by changing the saturation by 10% instead.


 202, 166, 129


255, 255, 255

 255, 221, 182

 255, 250, 210

 255, 255, 238

 202, 166, 129

 174, 140, 104

 147, 114, 79

 120, 90, 56

 94, 66, 34

 69, 44, 12

 45, 24, 0

 20, 0, 0

 0, 0, 0

 202, 166, 129

 202, 166, 129

■ 202, 156, 109

■ 202, 176, 149

■ 202, 146, 89

■ 202, 186, 169

■ 202, 136, 68

■ 202, 196, 190

■ 202, 126, 48

■ 202, 206, 210

■ 202, 116, 28

■ 202, 216, 230

■ 202, 106, 8

■ 202, 226, 250

■ 202, 102, 0

■ 202, 236, 255

■ 202, 246, 255

■ 202, 255, 255

Harmonies

Analogous

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



216, 159, 143



202, 166, 129



180, 174, 127

Triad

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



202, 166, 129



108, 185, 181



187, 163, 207

Complementary

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



202, 166, 129



129, 165, 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.



157, 171, 217



202, 166, 129



106, 184, 202

Square

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



202, 166, 129



128, 184, 157



125, 179, 216



209, 157, 187

Rectangle

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



202, 166, 129



163, 178, 133



125, 179, 216



178, 166, 212

Sweetspot

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



202, 166, 129



255, 241, 227



202, 129, 166



128, 119, 111



0, 0, 0



128, 128, 128

Same Dimension

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



202, 166, 129



255, 201, 145



202, 202, 129



102, 97, 92



166, 84, 0



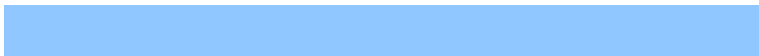
38, 19, 0

Inverse Universe

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



129, 165, 202



145, 199, 255



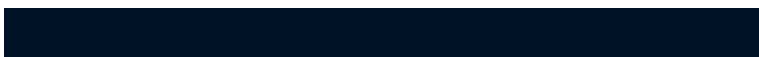
129, 129, 202



92, 97, 102



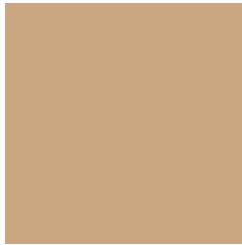
0, 82, 166



0, 19, 38

Previews

White Background



This preview shows how the RGB color 202, 166, 129 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 202, 166, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

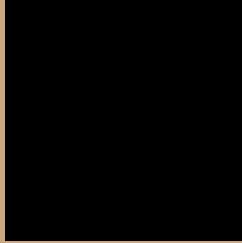
Any Text WCAG AA ✓ Pass

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 202, 166, 129 Background



This preview shows how black text looks on a background with the RGB color 202, 166, 129.



This preview shows how white text looks on a background with the RGB color 202, 166, 129.

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
202, 166, 129

Protanopia
184, 172, 132

Deuteranopia
203, 165, 129



Tritanopia
207, 160, 173

Trichromacy



Original Color

202, 166, 129

Protanomaly

191, 170, 131

Deuteranomaly

203, 165, 129

Tritanomaly

205, 162, 157

Monochromacy



Original Color

202, 166, 129

Achromatopsia

173, 173, 173

Achromatomaly

184, 170, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 166, 129 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, 166, 129)` looks like.

```
.text, #text, p{  
    color:rgb(202, 166, 129)  
}
```

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, 166, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 166, 129) }
```

Border

The CSS property to change the border of an element to RGB 202, 166, 129 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, 166, 129) }
```

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

```
.border{ border-color:rgb(202, 166, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 166, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 166, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 166, 129);  
box-shadow:4px 4px 4px 4px rgb(202, 166,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 202, 166, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 166, 129) }
```

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

```
.background{ background-color: rgb(202,  
166, 129) }
```

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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