

Converting Colors

RGB(198, 172, 116)

Have a look what the booklet for
RGB(198, 172, 116) contains.

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Color

RGB(198, 172, 116)

Conversions

Conversions Part 1

Format	Color
Hex	C6AC74
RGB	198, 172, 116
RGB Percent	78%, 67%, 45%
CMY	0.2235, 0.3255, 0.5451
CMYK	0.00, 0.13, 0.41, 0.22
HSL	41°, 42%, 62%
HSV	41°, 41%, 78%
XYZ	41.1936, 42.7718, 22.6076
YIQ	173.3900, 33.4720, -11.9040

Conversions

Conversions Part 2

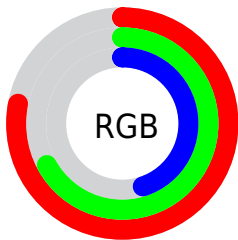
Format	Color
RYB	154, 198, 116
Decimal	13020276
CIELab	71.40, 1.66, 32.26
CIELCh	71, 32.302, 87.051
Yxy	42.7718, 0.3865, 0.4013
Android (android.graphics.Color)	4291210356 (0xFFC6AC74)
YUV	173.3900, -28.2933, 21.5830
Hunter-Lab	65.4001, -2.0183, 25.2846

Details

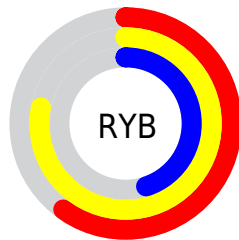
The RGB color **198, 172, 116** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **116, 142, 198**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 227, 169**, and **143, 120, 67** is the 20% darker color. If you saturate the color by 10%, you get **198, 166, 96**, and if you desaturate by 10%, it is **198, 178, 136**.

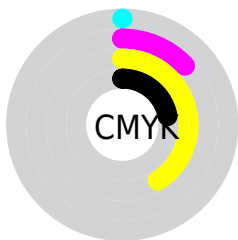
Distribution



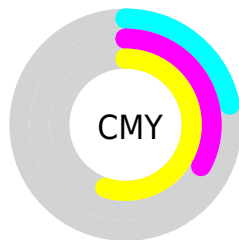
- Red (78%)
- Green (67%)
- Blue (45%)



- Red (60%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 172, 116 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 198, 172, 116 by changing the saturation by 10% instead.

 198, 172, 116

255, 255, 255

 255, 227, 169

 255, 255, 196

 255, 255, 224


255, 255, 253


 198, 172, 116

 198, 172, 116


 170, 146, 91

 143, 120, 67

 116, 95, 43

 90, 72, 20

 65, 49, 0

 41, 29, 0

 12, 4, 0

 0, 0, 0

 198, 172, 116

■ 198, 166, 96

■ 198, 178, 136

■ 198, 159, 76

■ 198, 185, 156

■ 198, 153, 57

■ 198, 191, 175

■ 198, 147, 37

■ 198, 197, 195

■ 198, 141, 17

■ 198, 203, 215

■ 198, 135, 0

■ 198, 210, 235

■ 198, 216, 255

■ 198, 222, 255

■ 198, 229, 255

Harmonies

Analogous

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



221, 162, 126



198, 172, 116



167, 181, 122

Triad

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



198, 172, 116



77, 190, 201



210, 158, 207

Complementary

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



198, 172, 116



116, 142, 198

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.



175, 168, 227



198, 172, 116



90, 186, 223

Square

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



198, 172, 116



99, 191, 171



131, 179, 233



230, 153, 179

Rectangle

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



198, 172, 116



145, 186, 134



131, 179, 233



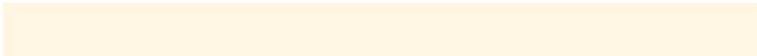
199, 161, 215

Sweetspot

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



198, 172, 116



255, 245, 224



198, 116, 143



128, 122, 110



0, 0, 0



128, 128, 128

Same Dimension

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



198, 172, 116



255, 215, 128



184, 198, 116



99, 96, 90



163, 111, 0



36, 24, 0

Inverse Universe

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



116, 142, 198



128, 168, 255



130, 116, 198



90, 93, 99



0, 52, 163



0, 11, 36

Previews

White Background



This preview shows how the RGB color 198, 172, 116 looks on a white background.

Color Contrast Check

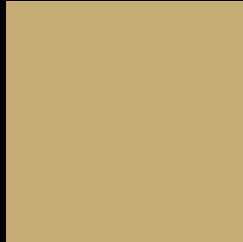
Large Text (above 18pt) WCAG AA × Fail

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 198, 172, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

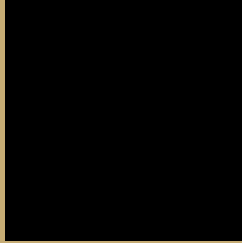
Any Text WCAG AA ✓ Pass

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 198, 172, 116 Background



This preview shows how black text looks on a background with the RGB color 198, 172, 116.

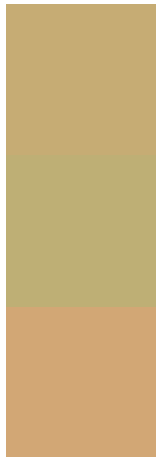


This preview shows how white text looks on a background with the RGB color 198, 172, 116.

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
198, 172, 116

Protanopia
190, 175, 117

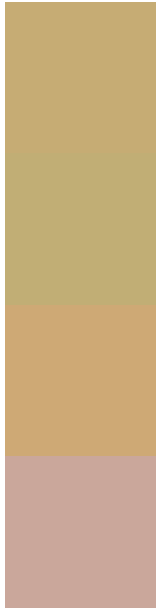
Deuteranopia
210, 167, 117



Tritanopia

204, 164, 177

Trichromacy



Original Color
198, 172, 116

Protanomaly
193, 174, 117

Deuteranomaly
206, 169, 117

Tritanomaly
202, 167, 155

Monochromacy



Original Color
198, 172, 116

Achromatopsia
173, 173, 173

Achromatomaly
182, 173, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 172, 116 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(198, 172, 116)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 116)  
}
```

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(198, 172, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 116) }
```

Border

The CSS property to change the border of an element to RGB 198, 172, 116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

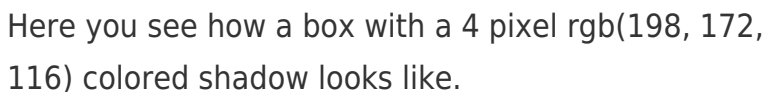
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 172, 116) }
```

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

```
.border{ border-color:rgb(198, 172, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 172, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 172, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 172, 116); box-shadow:4px 4px 4px 4px rgb(198, 172, 116) }
```

Background

The CSS property to change the background color of an element to RGB 198, 172, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 116) }
```

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

```
.background{ background-color: rgb(198,  
172, 116) }
```

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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