

Converting Colors

RGB(205, 196, 147)

Have a look what the booklet for
RGB(205, 196, 147) contains.

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Color

RGB(205, 196, 147)

Conversions

Conversions Part 1

Format	Color
Hex	CDC493
RGB	205, 196, 147
RGB Percent	80%, 77%, 58%
CMY	0.1961, 0.2314, 0.4235
CMYK	0.00, 0.04, 0.28, 0.20
HSL	51°, 37%, 69%
HSV	51°, 28%, 80%
XYZ	50.1832, 54.5656, 35.4910
YIQ	193.1050, 21.0930, -13.3310

Conversions

Conversions Part 2

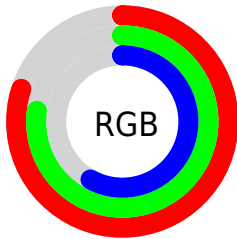
Format	Color
RYB	158, 205, 147
Decimal	13485203
CIELab	78.79, -4.46, 25.79
CIElCh	79, 26.173, 99.810
Yxy	54.5656, 0.3578, 0.3891
Android (android.graphics.Color)	4291675283 (0xFFCDC493)
YUV	193.1050, -22.7298, 10.4319
Hunter-Lab	73.8685, -8.0044, 23.2214

Details

The RGB color **205, 196, 147** is a light color, and the websafe version is hex **C4C499**. A complement of this color would be **147, 156, 205**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 253, 201**, and **150, 142, 96** is the 20% darker color. If you saturate the color by 10%, you get **205, 193, 126**, and if you desaturate by 10%, it is **205, 199, 168**.

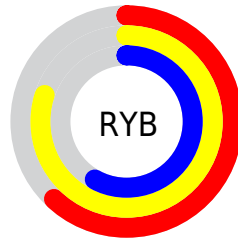
Distribution



Red (80%)

Green (77%)

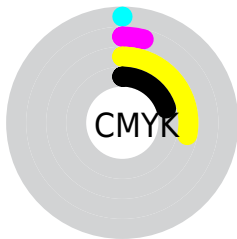
Blue (58%)



Red (62%)

Yellow (80%)

Blue (58%)

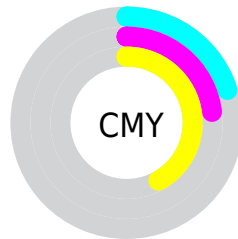


Cyan (0%)

Magenta (4%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 196, 147 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, 196, 147 by changing the saturation by 10% instead.


 205, 196, 147

255, 255, 255


 255, 253, 201

 255, 255, 229

 205, 196, 147

 177, 169, 121

 150, 142, 96

 124, 117, 72

 98, 92, 49

 74, 69, 27

 50, 47, 2

 28, 26, 0

 0, 0, 0

 205, 196, 147


 205, 196, 147

 205, 193, 126

 205, 199, 168

 205, 190, 106


 205, 202, 188

 205, 186, 86


 205, 206, 209

 205, 183, 65

 205, 209, 229

 205, 180, 45

 205, 212, 250

 205, 177, 24

 205, 215, 255

 205, 174, 4

 205, 218, 255

 205, 173, 0

 205, 221, 255

 205, 225, 255

Harmonies

Analogous

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



228, 188, 150



205, 196, 147



178, 203, 157

Triad

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



205, 196, 147



126, 207, 225



233, 180, 212

Complementary

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



205, 196, 147



147, 156, 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.



209, 186, 232



205, 196, 147



145, 202, 240

Square

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



205, 196, 147



130, 209, 202



177, 195, 243



244, 178, 188

Rectangle

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



205, 196, 147



159, 206, 170



177, 195, 243



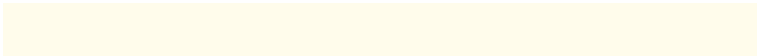
226, 181, 220

Sweetspot

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



205, 196, 147



255, 252, 235



205, 147, 157



128, 126, 115



0, 0, 0



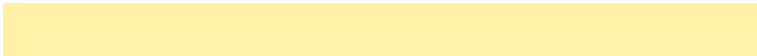
128, 128, 128

Same Dimension

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



205, 196, 147



255, 242, 168



186, 205, 147



102, 100, 92



166, 140, 0



38, 32, 0

Inverse Universe

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



147, 156, 205



168, 182, 255



166, 147, 205



92, 93, 102



0, 26, 166



0, 6, 38

Previews

White Background



This preview shows how the RGB color 205, 196, 147 looks on a white background.

Color Contrast Check

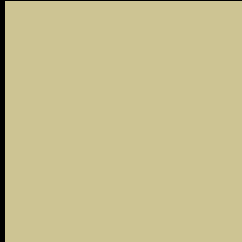
Large Text (above 18pt) WCAG AA × Fail

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, 196, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

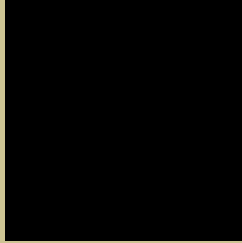
Any Text WCAG AA ✓ Pass

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, 196, 147 Background



This preview shows how black text looks on a background with the RGB color 205, 196, 147.



This preview shows how white text looks on a background with the RGB color 205, 196, 147.

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, 196, 147

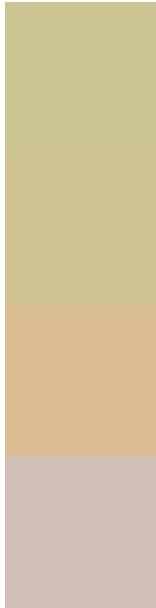
Protanopia
209, 195, 146

Deuteranopia
229, 187, 149



Tritanopia
212, 189, 203

Trichromacy



Original Color
205, 196, 147

Protanomaly
208, 195, 146

Deuteranomaly
220, 190, 148

Tritanomaly
209, 192, 183

Monochromacy



Original Color
205, 196, 147

Achromatopsia
193, 193, 193

Achromatomaly
197, 194, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 196, 147 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, 196, 147) looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 147)  
}
```

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, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 147) }
```

Border

The CSS property to change the border of an element to RGB 205, 196, 147 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, 196, 147) }
```

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

```
.border{ border-color:rgb(205, 196, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 205, 196, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 147) }
```

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

```
.background{ background-color: rgb(205,  
196, 147) }
```

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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