

Converting Colors

RGB(204, 216, 122)

Have a look what the booklet for
RGB(204, 216, 122) contains.

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Color

RGB(204, 216, 122)

Conversions

Conversions Part 1

Format	Color
Hex	CCD87A
RGB	204, 216, 122
RGB Percent	80%, 85%, 48%
CMY	0.2000, 0.1529, 0.5216
CMYK	0.06, 0.00, 0.44, 0.15
HSL	68°, 55%, 66%
HSV	68°, 44%, 85%
XYZ	52.9706, 63.3542, 27.8491
YIQ	201.6960, 23.0220, -31.7780

Conversions

Conversions Part 2

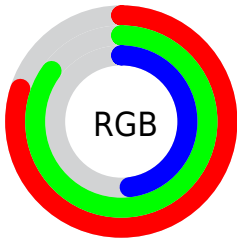
Format	Color
R_{YB}	122, 216, 134
Decimal	13424762
CIE _{Lab}	83.63, -17.97, 44.82
CIE _{LCh}	84, 48.286, 111.843
Yxy	63.3542, 0.3674, 0.4394
Android (android.graphics.Color)	4291614842 (0xFFCCD87A)
YUV	201.6960, -39.2901, 2.0206
Hunter-Lab	79.5954, -20.5005, 34.9722

Details

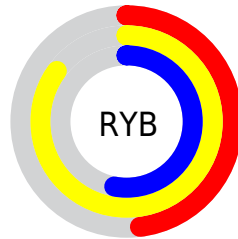
The RGB color **204, 216, 122** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **134, 122, 216**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 255, 176**, and **148, 161, 71** is the 20% darker color. If you saturate the color by 10%, you get **201, 216, 100**, and if you desaturate by 10%, it is **207, 216, 144**.

Distribution



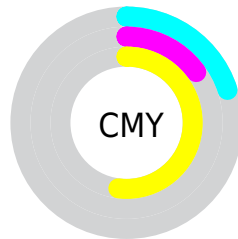
- Red (80%)
- Green (85%)
- Blue (48%)



- Red (48%)
- Yellow (85%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (44%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 216, 122 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 204, 216, 122 by changing the saturation by 10% instead.

 204, 216, 122

255, 255, 255


 255, 255, 176


 255, 255, 204

 255, 255, 232

 204, 216, 122

 176, 188, 96

 148, 161, 71

 121, 135, 45

 95, 110, 18

 70, 85, 0

 45, 62, 0

 20, 40, 0

 0, 21, 0


 0, 0, 0

 204, 216, 122


 204, 216, 122

 201, 216, 100


 207, 216, 144

 198, 216, 79


 210, 216, 165

 196, 216, 57

 212, 216, 187

 193, 216, 36

 215, 216, 208

 190, 216, 14

 218, 216, 230

 188, 216, 0

 221, 216, 252

 223, 216, 255

 226, 216, 255

 229, 216, 255

Harmonies

Analogous

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



249, 202, 118



204, 216, 122



151, 226, 151

Triad

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



204, 216, 122



0, 227, 255



255, 173, 223

Complementary

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



204, 216, 122



134, 122, 216

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.



253, 185, 255



204, 216, 122



114, 217, 255

Square

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



204, 216, 122



0, 232, 241



195, 201, 255



255, 174, 177

Rectangle

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



204, 216, 122



110, 230, 179



195, 201, 255



255, 176, 238

Sweetspot

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



204, 216, 122



251, 255, 222



216, 133, 122



125, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



204, 216, 122



238, 255, 122



158, 216, 122



106, 107, 96



149, 171, 0



38, 43, 0

Inverse Universe

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



134, 122, 216



139, 122, 255



180, 122, 216



98, 96, 107



22, 0, 171



6, 0, 43

Previews

White Background



This preview shows how the RGB color 204, 216, 122 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 204, 216, 122 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 204, 216, 122 Background



This preview shows how black text looks on a background with the RGB color 204, 216, 122.

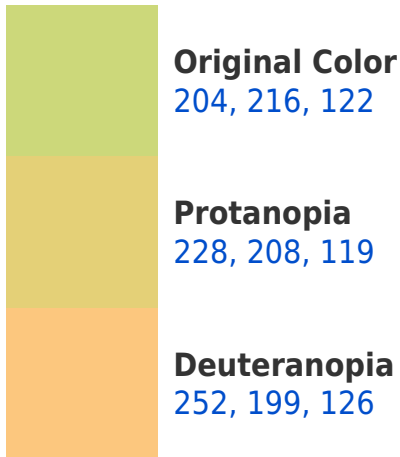


This preview shows how white text looks on a background with the RGB color 204, 216, 122.

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](#).

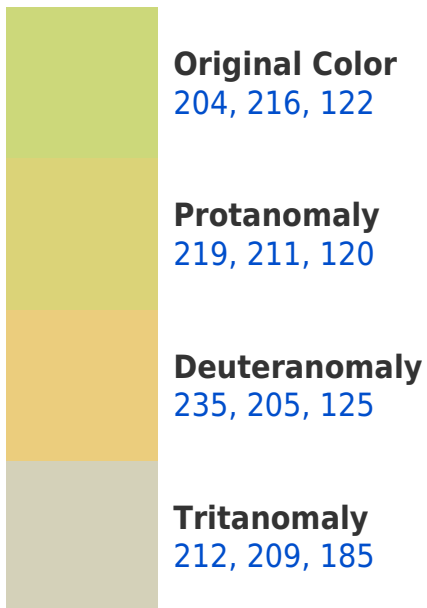
Dichromacy





Tritanopia
216, 205, 221

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 216, 122 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(204, 216, 122)` looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 122)  
}
```

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(204, 216, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 122) }
```

Border

The CSS property to change the border of an element to RGB 204, 216, 122 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(204, 216, 122) }
```

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

```
.border{ border-color:rgb(204, 216, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 204, 216, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 122) }
```

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

```
.background{ background-color: rgb(204,  
216, 122) }
```

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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