

Converting Colors

RGB(214, 212, 120)

Have a look what the booklet for
RGB(214, 212, 120) contains.

RGB(214, 212, 120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(214, 212, 120)

Conversions

Conversions Part 1

Format	Color
Hex	D6D478
RGB	214, 212, 120
RGB Percent	84%, 83%, 47%
CMY	0.1608, 0.1686, 0.5294
CMYK	0.00, 0.01, 0.44, 0.16
HSL	59°, 53%, 65%
HSV	59°, 44%, 84%
XYZ	54.6652, 62.7392, 26.9980
YIQ	202.1100, 30.7240, -28.1880

Conversions

Conversions Part 2

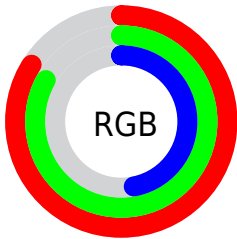
Format	Color
RYB	122, 214, 120
Decimal	14079096
CIELab	83.30, -12.23, 45.57
CIElCh	83, 47.180, 105.023
Yxy	62.7392, 0.3786, 0.4345
Android (android.graphics.Color)	4292269176 (0xFFD6D478)
YUV	202.1100, -40.4802, 10.4275
Hunter-Lab	79.2081, -15.4229, 35.2367

Details

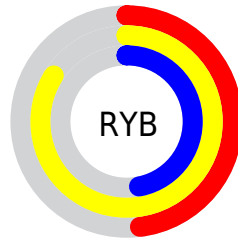
The RGB color **214, 212, 120** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **120, 122, 214**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 255, 174**, and **158, 158, 69** is the 20% darker color. If you saturate the color by 10%, you get **214, 212, 99**, and if you desaturate by 10%, it is **214, 212, 141**.

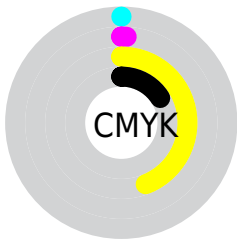
Distribution



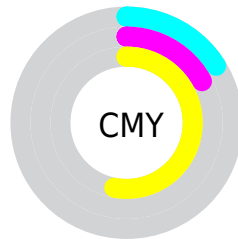
- Red (84%)
- Green (83%)
- Blue (47%)



- Red (48%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the RGB color 214, 212, 120 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 214, 212, 120 by changing the saturation by 10% instead.

 214, 212, 120

 214, 212, 120

255, 255, 255

 185, 184, 94

 255, 255, 174

 158, 158, 69

 255, 255, 202

 130, 132, 43

 255, 255, 230

 104, 106, 16

 78, 82, 0

 53, 59, 0

 28, 38, 0

 0, 19, 0

 0, 0, 0

 214, 212, 120

 214, 212, 120

 214, 212, 99


 214, 212, 141

 214, 211, 77

 214, 213, 163

 214, 211, 56

 214, 213, 184

 214, 210, 34

 214, 214, 206

 214, 210, 13

 214, 214, 227

 214, 209, 0

 214, 215, 248

 214, 215, 255

 214, 216, 255

 214, 216, 255

Harmonies

Analogous

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



255, 197, 122



214, 212, 120



164, 223, 143

Triad

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



214, 212, 120



0, 228, 255



255, 175, 232

Complementary

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



214, 212, 120



120, 122, 214

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.



240, 188, 255



214, 212, 120



96, 218, 255

Square

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



214, 212, 120



0, 231, 229



178, 204, 255



255, 173, 187

Rectangle

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



214, 212, 120



126, 228, 169



178, 204, 255



255, 178, 246

Sweetspot

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



214, 212, 120



255, 254, 222



214, 120, 123



128, 127, 107



0, 0, 0



128, 128, 128

Same Dimension

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



214, 212, 120



255, 252, 120



170, 214, 120



107, 107, 96



171, 167, 0



43, 42, 0

Inverse Universe

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



120, 122, 214



120, 123, 255



164, 120, 214



96, 97, 107



0, 4, 171



0, 1, 43

Previews

White Background



This preview shows how the RGB color 214, 212, 120 looks on a white background.

Color Contrast Check

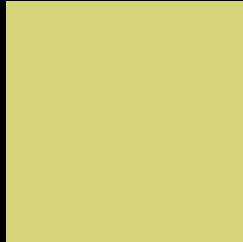
Large Text (above 18pt) WCAG AA × Fail

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 214, 212, 120 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 214, 212, 120 Background



This preview shows how black text looks on a background with the RGB color 214, 212, 120.



This preview shows how white text looks on a background with the RGB color 214, 212, 120.

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
214, 212, 120

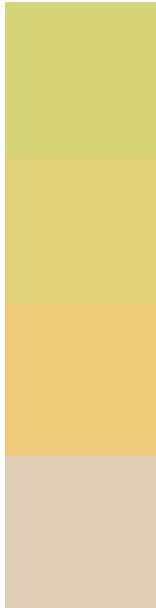
Protanopia
228, 208, 118

Deuteranopia
252, 198, 123



Tritanopia
225, 201, 217

Trichromacy



Original Color
214, 212, 120

Protanomaly
223, 209, 119

Deuteranomaly
238, 203, 122

Tritanomaly
221, 205, 182

Monochromacy



Original Color
214, 212, 120

Achromatopsia
202, 202, 202

Achromatomaly
206, 206, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 212, 120 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(214, 212, 120)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 120)  
}
```

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(214, 212, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 120) }
```

Border

The CSS property to change the border of an element to RGB 214, 212, 120 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(214, 212, 120) }
```

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

```
.border{ border-color:rgb(214, 212, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 212, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 120);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 214, 212, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 120) }
```

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

```
.background{ background-color: rgb(214,  
212, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor