

Converting Colors

RGB(214, 212, 158)

Have a look what the booklet for
RGB(214, 212, 158) contains.

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Color

RGB(214, 212, 158)

Conversions

Conversions Part 1

Format	Color
Hex	D6D49E
RGB	214, 212, 158
RGB Percent	84%, 83%, 62%
CMY	0.1608, 0.1686, 0.3804
CMYK	0.00, 0.01, 0.26, 0.16
HSL	58°, 41%, 73%
HSV	58°, 26%, 84%
XYZ	57.4466, 63.8517, 41.6446
YIQ	206.4420, 18.5260, -16.3700

Conversions

Conversions Part 2

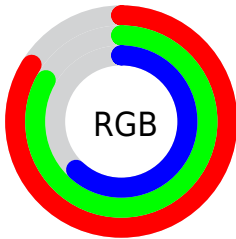
Format	Color
R_{YB}	160, 214, 158
Decimal	14079134
CIE Lab	83.89, -7.81, 27.05
CIE LCh	84, 28.150, 106.105
Yxy	63.8517, 0.3526, 0.3919
Android (android.graphics.Color)	4292269214 (0xFFD6D49E)
YUV	206.4420, -23.8819, 6.6284
Hunter-Lab	79.9073, -11.5113, 25.0354

Details

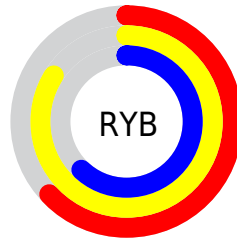
The RGB color **214, 212, 158** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **158, 160, 214**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 255, 213**, and **159, 158, 106** is the 20% darker color. If you saturate the color by 10%, you get **214, 211, 137**, and if you desaturate by 10%, it is **214, 213, 179**.

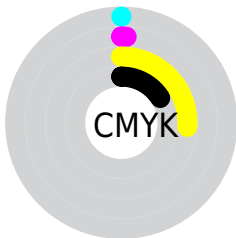
Distribution



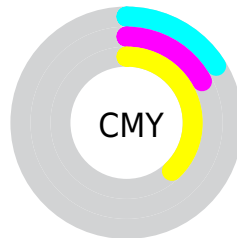
- Red (84%)
- Green (83%)
- Blue (62%)



- Red (63%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 212, 158 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, 158 by changing the saturation by 10% instead.


 214, 212, 158

255, 255, 255

 255, 255, 213

 255, 255, 241


 214, 212, 158

 186, 184, 132

 159, 158, 106

 132, 131, 82

 106, 106, 58

 81, 82, 35

 57, 59, 13

 36, 38, 0

 2, 18, 0

 0, 0, 0

■ 214, 212, 158

■ 214, 212, 158

■ 214, 211, 137

■ 214, 213, 179

■ 214, 210, 115

■ 214, 214, 201

■ 214, 210, 94

■ 214, 214, 222

■ 214, 209, 72

■ 214, 215, 244

■ 214, 208, 51

■ 214, 216, 255

■ 214, 207, 30

■ 214, 217, 255

■ 214, 207, 8

■ 214, 217, 255

■ 214, 206, 0

■ 214, 218, 255

■ 214, 219, 255

Harmonies

Analogous

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



240, 203, 158



214, 212, 158



184, 219, 172

Triad

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



214, 212, 158



136, 221, 246



254, 191, 223

Complementary

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



214, 212, 158



158, 160, 214

Split Complementary

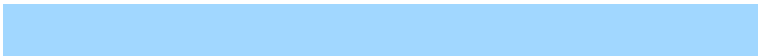
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 198, 246



214, 212, 158



161, 215, 255

Square

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



214, 212, 158



135, 224, 223



197, 207, 255



255, 190, 196

Rectangle

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



214, 212, 158



164, 222, 187



197, 207, 255



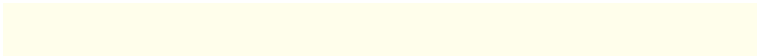
248, 193, 231

Sweetspot

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



214, 212, 158



255, 254, 235



214, 158, 161



128, 127, 115



0, 0, 0



128, 128, 128

Same Dimension

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



214, 212, 158



255, 252, 176



189, 214, 158



107, 107, 96



171, 165, 0



43, 42, 0

Inverse Universe

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



158, 160, 214



176, 179, 255



183, 158, 214



96, 97, 107



0, 6, 171



0, 2, 43

Previews

White Background



This preview shows how the RGB color 214, 212, 158 looks on a white background.

Color Contrast Check

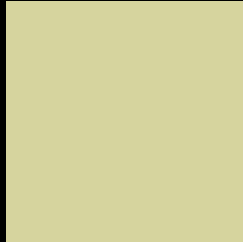
Large Text (above 18pt) WCAG AA × Fail

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, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

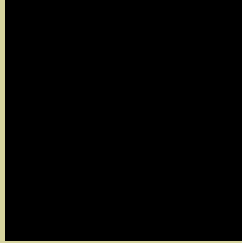
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

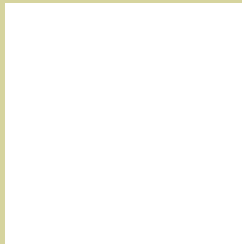
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 214, 212, 158 Background



This preview shows how black text looks on a background with the RGB color 214, 212, 158.



This preview shows how white text looks on a background with the RGB color 214, 212, 158.

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, 158

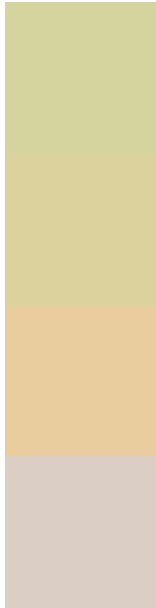
Protanopia
224, 209, 157

Deuteranopia
245, 201, 160



Tritanopia
222, 204, 220

Trichromacy



Original Color
214, 212, 158

Protanomaly
220, 210, 157

Deuteranomaly
234, 205, 159

Tritanomaly
219, 207, 197

Monochromacy



Original Color
214, 212, 158

Achromatopsia
206, 206, 206

Achromatomaly
209, 208, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 212, 158 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 158) }
```

Border

The CSS property to change the border of an element to RGB 214, 212, 158 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, 158) }
```

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

```
.border{ border-color:rgb(214, 212, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 158);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 214, 212, 158 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, 158) }
```

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

```
.background{ background-color: rgb(214,  
212, 158) }
```

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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