

Converting Colors

RGB(222, 216, 119)

Have a look what the booklet for
RGB(222, 216, 119) contains.

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Color

RGB(222, 216, 119)

Conversions

Conversions Part 1

Format	Color
Hex	DED877
RGB	222, 216, 119
RGB Percent	87%, 85%, 47%
CMY	0.1294, 0.1529, 0.5333
CMYK	0.00, 0.03, 0.46, 0.13
HSL	57°, 61%, 67%
HSV	57°, 46%, 87%
XYZ	58.0098, 65.9732, 27.1294
YIQ	206.7360, 34.7130, -28.8950

Conversions

Conversions Part 2

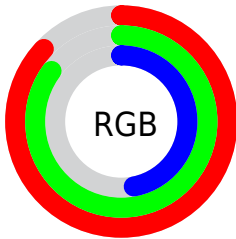
Format	Color
RYB	125, 222, 119
Decimal	14604407
CIELab	84.98, -11.15, 48.26
CIELCh	85, 49.528, 103.008
Yxy	65.9732, 0.3839, 0.4366
Android (android.graphics.Color)	4292794487 (0xFFDED877)
YUV	206.7360, -43.2538, 13.3865
Hunter-Lab	81.2239, -14.6578, 37.0534

Details

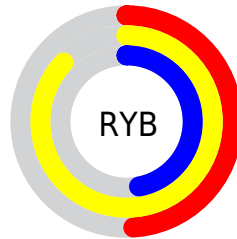
The RGB color **222, 216, 119** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **119, 125, 222**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 255, 173**, and **165, 161, 67** is the 20% darker color. If you saturate the color by 10%, you get **222, 215, 97**, and if you desaturate by 10%, it is **222, 217, 141**.

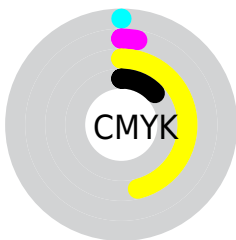
Distribution



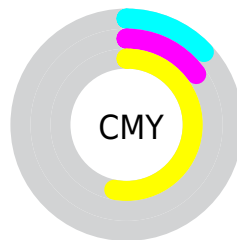
- Red (87%)
- Green (85%)
- Blue (47%)



- Red (49%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 216, 119 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 222, 216, 119 by changing the saturation by 10% instead.

 222, 216, 119

255, 255, 255

 255, 255, 173

 255, 255, 201

 255, 255, 229

 222, 216, 119

 193, 188, 93

 165, 161, 67

 137, 135, 42

 110, 110, 12

 84, 86, 0

 59, 63, 0

 34, 41, 0

 0, 22, 0

 0, 0, 0

■ 222, 216, 119

■ 222, 216, 119

■ 222, 215, 97

■ 222, 217, 141

■ 222, 213, 75

■ 222, 219, 163

■ 222, 212, 52

■ 222, 220, 186

■ 222, 211, 30

■ 222, 221, 208

■ 222, 210, 8

■ 222, 222, 230

■ 222, 209, 0

■ 222, 224, 252

■ 222, 225, 255

■ 222, 226, 255

■ 222, 228, 255

Harmonies

Analogous

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



255, 200, 123



222, 216, 119



170, 228, 142

Triad

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



222, 216, 119



0, 234, 255



255, 178, 241

Complementary

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



222, 216, 119



119, 125, 222

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.



243, 192, 255



222, 216, 119



82, 225, 255

Square

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



222, 216, 119



0, 237, 232



176, 210, 255



255, 175, 193

Rectangle

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



222, 216, 119



130, 233, 168



176, 210, 255



255, 182, 255

Sweetspot

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



222, 216, 119



255, 253, 219



222, 119, 126



128, 126, 106



0, 0, 0



128, 128, 128

Same Dimension

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



222, 216, 119



255, 247, 112



177, 222, 119



112, 112, 101



176, 166, 0



48, 46, 0

Inverse Universe

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



119, 125, 222



112, 121, 255



164, 119, 222



101, 102, 112



0, 10, 176



0, 3, 48

Previews

White Background



This preview shows how the RGB color 222, 216, 119 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 222, 216, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

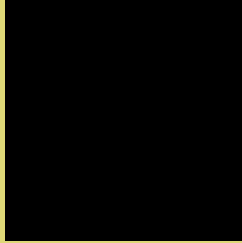
Any Text WCAG AA ✓ Pass

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 222, 216, 119 Background



This preview shows how black text looks on a background with the RGB color 222, 216, 119.



This preview shows how white text looks on a background with the RGB color 222, 216, 119.

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
222, 216, 119

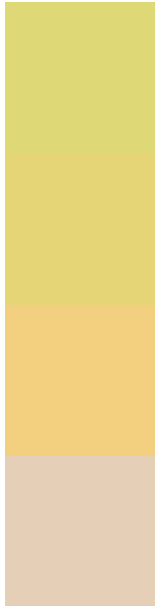
Protanopia
233, 212, 118

Deuteranopia
255, 203, 132



Tritanopia
233, 204, 220

Trichromacy



Original Color
222, 216, 119

Protanomaly
229, 213, 118

Deuteranomaly
243, 208, 127

Tritanomaly
229, 208, 183

Monochromacy



Original Color
222, 216, 119

Achromatopsia
207, 207, 207

Achromatomaly
212, 210, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 216, 119 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(222, 216, 119)` looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 119)  
}
```

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(222, 216, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 119) }
```

Border

The CSS property to change the border of an element to RGB 222, 216, 119 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(222, 216, 119) }
```

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

```
.border{ border-color:rgb(222, 216, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 216, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 119);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 222, 216, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 216, 119) }
```

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

```
.background{ background-color: rgb(222,  
216, 119) }
```

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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