

Converting Colors

RGB(222, 204, 130)

Have a look what the booklet for
RGB(222, 204, 130) contains.

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Color

RGB(222, 204, 130)

Conversions

Conversions Part 1

Format	Color
Hex	DECC82
RGB	222, 204, 130
RGB Percent	87%, 80%, 51%
CMY	0.1294, 0.2000, 0.4902
CMYK	0.00, 0.08, 0.41, 0.13
HSL	48°, 58%, 69%
HSV	48°, 41%, 87%
XYZ	55.7463, 60.3270, 29.8252
YIQ	200.9460, 34.4820, -19.1980

Conversions

Conversions Part 2

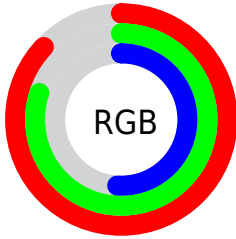
Format	Color
RYB	152, 222, 130
Decimal	14601346
CIELab	82.02, -3.95, 39.10
CIELCh	82, 39.303, 95.766
Yxy	60.3270, 0.3821, 0.4135
Android (android.graphics.Color)	4292791426 (0xFFDECC82)
YUV	200.9460, -34.9764, 18.4644
Hunter-Lab	77.6705, -7.8088, 31.6022

Details

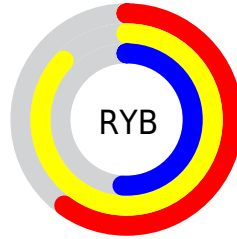
The RGB color **222, 204, 130** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **130, 148, 222**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 255, 184**, and **165, 150, 79** is the 20% darker color. If you saturate the color by 10%, you get **222, 200, 108**, and if you desaturate by 10%, it is **222, 208, 152**.

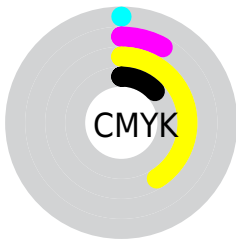
Distribution



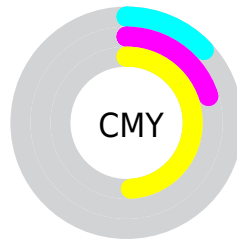
- Red (87%)
- Green (80%)
- Blue (51%)



- Red (60%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 204, 130 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, 204, 130 by changing the saturation by 10% instead.

 222, 204, 130

255, 255, 255

 255, 255, 184


 255, 255, 212


 255, 255, 240

 222, 204, 130

 193, 177, 104

 165, 150, 79


 138, 124, 55

 111, 100, 30

 85, 76, 4

 61, 53, 0

 36, 32, 0

 1, 10, 0

 0, 0, 0

■ 222, 204, 130

■ 222, 204, 130

■ 222, 200, 108

■ 222, 208, 152

■ 222, 195, 86

■ 222, 213, 174

■ 222, 191, 63

■ 222, 217, 197

■ 222, 187, 41

■ 222, 221, 219

■ 222, 182, 19

■ 222, 226, 241

■ 222, 179, 0

■ 222, 230, 255

■ 222, 234, 255

■ 222, 239, 255

■ 222, 243, 255

Harmonies

Analogous

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



254, 191, 138



222, 204, 130



182, 215, 143

Triad

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



222, 204, 130



70, 222, 246



255, 180, 235

Complementary

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



222, 204, 130



130, 148, 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.



218, 192, 255



222, 204, 130



106, 216, 255

Square

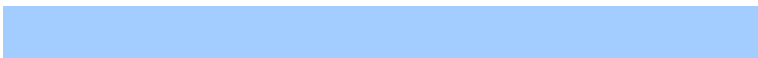
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222, 204, 130



93, 224, 210



164, 205, 255



255, 176, 198

Rectangle

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



222, 204, 130



153, 220, 161



164, 205, 255



246, 184, 246

Sweetspot

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



222, 204, 130



255, 249, 224



222, 130, 148



128, 124, 110



0, 0, 0



128, 128, 128

Same Dimension

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



222, 204, 130



255, 230, 128



194, 222, 130



112, 110, 101



176, 142, 0



48, 39, 0

Inverse Universe

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



130, 148, 222



128, 152, 255



158, 130, 222



101, 103, 112



0, 34, 176



0, 9, 48

Previews

White Background



This preview shows how the RGB color 222, 204, 130 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, 204, 130 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, 204, 130 Background



This preview shows how black text looks on a background with the RGB color 222, 204, 130.



This preview shows how white text looks on a background with the RGB color 222, 204, 130.

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, 204, 130

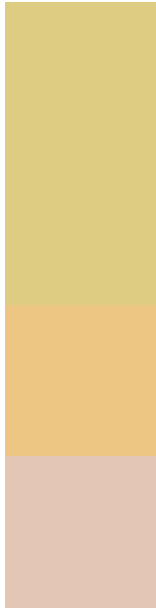
Protanopia
222, 204, 130

Deuteranopia
245, 195, 132



Tritanopia
230, 194, 209

Trichromacy



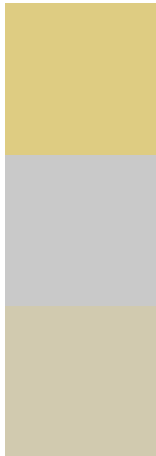
Original Color
222, 204, 130

Protanomaly
222, 204, 130

Deuteranomaly
237, 198, 131

Tritanomaly
227, 198, 180

Monochromacy



Original Color
222, 204, 130

Achromatopsia
201, 201, 201

Achromatomaly
209, 202, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 204, 130 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, 204, 130)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 130)  
}
```

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, 204, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 130) }
```

Border

The CSS property to change the border of an element to RGB 222, 204, 130 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, 204, 130) }
```

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

```
.border{ border-color:rgb(222, 204, 130) }
```

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

Here you see how a box with a 4 pixel rgb(222, 204, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 130);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 222, 204, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 130) }
```

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

```
.background{ background-color: rgb(222,  
204, 130) }
```

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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