

Converting Colors

RGB(225, 202, 146)

Have a look what the booklet for
RGB(225, 202, 146) contains.

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Color

RGB(225, 202, 146)

Conversions

Conversions Part 1

Format	Color
Hex	E1CA92
RGB	225, 202, 146
RGB Percent	88%, 79%, 57%
CMY	0.1176, 0.2078, 0.4275
CMYK	0.00, 0.10, 0.35, 0.12
HSL	43°, 57%, 73%
HSV	43°, 35%, 88%
XYZ	57.3602, 60.3239, 35.8146
YIQ	202.4930, 31.6840, -12.5400

Conversions

Conversions Part 2

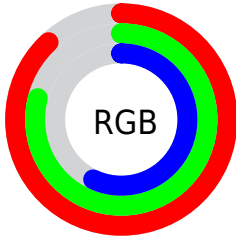
Format	Color
RYB	178, 225, 146
Decimal	14797458
CIELab	82.01, 0.06, 30.93
CIELCh	82, 30.931, 89.890
Yxy	60.3239, 0.3737, 0.3930
Android (android.graphics.Color)	4292987538 (0xFFE1CA92)
YUV	202.4930, -27.8510, 19.7386
Hunter-Lab	77.6685, -4.0930, 27.0280

Details

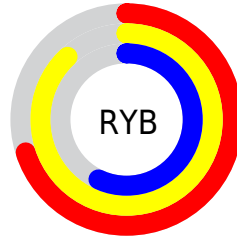
The RGB color **225, 202, 146** is a light color, and the websafe version is hex **C4C499**. A complement of this color would be **146, 169, 225**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 200**, and **169, 148, 95** is the 20% darker color. If you saturate the color by 10%, you get **225, 195, 123**, and if you desaturate by 10%, it is **225, 209, 169**.

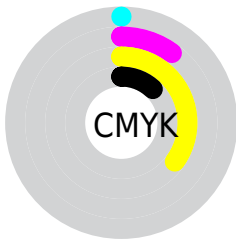
Distribution



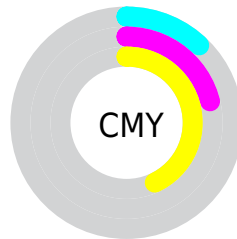
- Red (88%)
- Green (79%)
- Blue (57%)



- Red (70%)
- Yellow (88%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RGB color 225, 202, 146 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 225, 202, 146 by changing the saturation by 10% instead.

 225, 202, 146

 225, 202, 146


255, 255, 255

 196, 175, 120

 255, 255, 200

 169, 148, 95

 255, 255, 229

 141, 122, 71

 115, 98, 47

 89, 74, 24

 64, 52, 0


 41, 31, 0

 11, 7, 0

 0, 0, 0

 225, 202, 146

 225, 202, 146

 225, 195, 123


 225, 209, 169

 225, 189, 101


 225, 215, 191

 225, 182, 78


 225, 222, 214

 225, 176, 56

 225, 228, 236

 225, 169, 33

 225, 235, 255

 225, 163, 11

 225, 241, 255

 225, 159, 0

 225, 248, 255

 225, 254, 255

 225, 255, 255

Harmonies

Analogous

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



249, 192, 155



225, 202, 146



194, 211, 153

Triad

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



225, 202, 146



116, 219, 232



241, 187, 234

Complementary

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



225, 202, 146



146, 169, 225

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.



208, 197, 254



225, 202, 146



130, 215, 253

Square

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



225, 202, 146



130, 220, 203



167, 207, 255



255, 183, 205

Rectangle

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



225, 202, 146



172, 215, 166



167, 207, 255



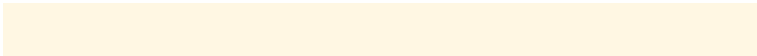
232, 190, 242

Sweetspot

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



225, 202, 146



255, 247, 227



225, 146, 170



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



225, 202, 146



255, 224, 148



209, 225, 146



112, 109, 101



176, 125, 0



48, 34, 0

Inverse Universe

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



146, 169, 225



148, 179, 255



162, 146, 225



101, 104, 112



0, 51, 176



0, 14, 48

Previews

White Background



This preview shows how the RGB color 225, 202, 146 looks on a white background.

Color Contrast Check

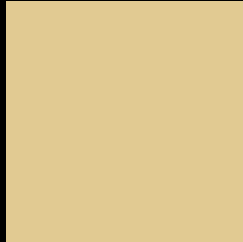
Large Text (above 18pt) WCAG AA × Fail

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 225, 202, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

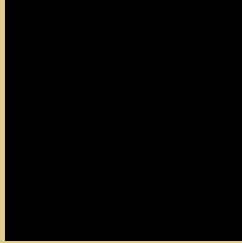
Any Text WCAG AA ✓ Pass

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 225, 202, 146 Background



This preview shows how black text looks on a background with the RGB color 225, 202, 146.



This preview shows how white text looks on a background with the RGB color 225, 202, 146.

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
225, 202, 146

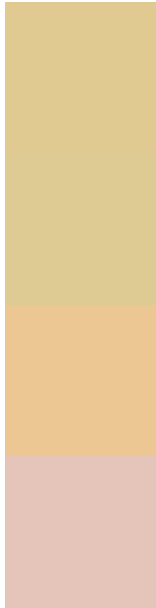
Protanopia
220, 204, 147

Deuteranopia
242, 195, 147



Tritanopia
232, 194, 209

Trichromacy



Original Color

225, 202, 146

Protanomaly

222, 203, 147

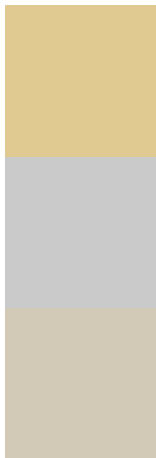
Deuteranomaly

236, 198, 147

Tritanomaly

229, 197, 186

Monochromacy



Original Color

225, 202, 146

Achromatopsia

202, 202, 202

Achromatomaly

210, 202, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 202, 146 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(225, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 146)  
}
```

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(225, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 146) }
```

Border

The CSS property to change the border of an element to RGB 225, 202, 146 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(225, 202, 146) }
```

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

```
.border{ border-color:rgb(225, 202, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 202, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 202, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 202, 146); box-shadow:4px 4px 4px 4px rgb(225, 202, 146) }
```

Background

The CSS property to change the background color of an element to RGB 225, 202, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 146) }
```

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

```
.background{ background-color: rgb(225,  
202, 146) }
```

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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