

Converting Colors

RGB(225, 201, 126)

Have a look what the booklet for
RGB(225, 201, 126) contains.

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Color

RGB(225, 201, 126)

Conversions

Conversions Part 1

Format	Color
Hex	E1C97E
RGB	225, 201, 126
RGB Percent	88%, 79%, 49%
CMY	0.1176, 0.2118, 0.5059
CMYK	0.00, 0.11, 0.44, 0.12
HSL	45°, 62%, 69%
HSV	45°, 44%, 88%
XYZ	55.7039, 59.2872, 28.2463
YIQ	199.6260, 38.3790, -18.2370

Conversions

Conversions Part 2

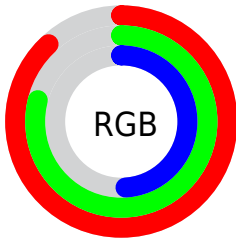
Format	Color
RYB	158, 225, 126
Decimal	14797182
CIELab	81.45, -1.61, 40.46
CIELCh	81, 40.493, 92.283
Yxy	59.2872, 0.3889, 0.4139
Android (android.graphics.Color)	4292987262 (0xFFE1C97E)
YUV	199.6260, -36.2976, 22.2530
Hunter-Lab	76.9982, -5.6121, 32.1485

Details

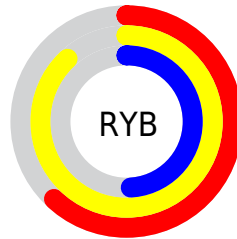
The RGB color **225, 201, 126** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **126, 150, 225**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 255, 180**, and **168, 147, 75** is the 20% darker color. If you saturate the color by 10%, you get **225, 196, 104**, and if you desaturate by 10%, it is **225, 206, 149**.

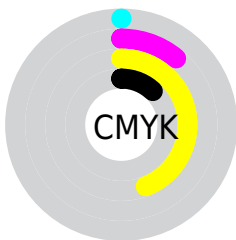
Distribution



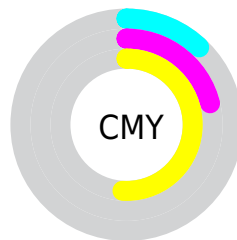
- Red (88%)
- Green (79%)
- Blue (49%)



- Red (62%)
- Yellow (88%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 225, 201, 126 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, 201, 126 by changing the saturation by 10% instead.

 225, 201, 126

 225, 201, 126


255, 255, 255

 196, 174, 100

 255, 255, 180

 168, 147, 75

 255, 255, 208

 140, 122, 51

 255, 255, 236

 113, 97, 26

 87, 73, 0

 62, 51, 0

 37, 30, 0

 4, 6, 0


 0, 0, 0

 225, 201, 126


 225, 201, 126

 225, 196, 104


 225, 206, 149

 225, 190, 81


 225, 212, 171

 225, 185, 59

 225, 217, 194

 225, 179, 36

 225, 223, 216

 225, 174, 14

 225, 228, 239

 225, 170, 0

 225, 234, 255

 225, 239, 255

 225, 245, 255

 225, 250, 255

Harmonies

Analogous

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



255, 188, 136



225, 201, 126



185, 212, 137

Triad

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



225, 201, 126



57, 222, 242



253, 179, 238

Complementary

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



225, 201, 126



126, 150, 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.



211, 192, 255



225, 201, 126



91, 216, 255

Square

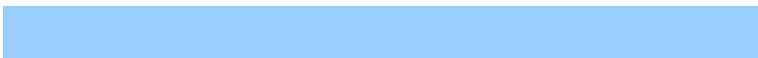
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 201, 126



91, 223, 204



154, 205, 255



255, 173, 201

Rectangle

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



225, 201, 126



155, 218, 155



154, 205, 255



241, 183, 249

Sweetspot

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



225, 201, 126



255, 247, 222



225, 126, 151



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



225, 201, 126



255, 222, 120



200, 225, 126



112, 109, 101



176, 133, 0



48, 37, 0

Inverse Universe

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



126, 150, 225



120, 153, 255



151, 126, 225



101, 104, 112



0, 43, 176



0, 12, 48

Previews

White Background



This preview shows how the RGB color 225, 201, 126 looks on a white background.

Color Contrast Check

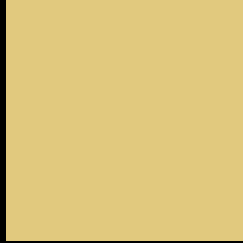
Large Text (above 18pt) WCAG AA × Fail

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, 201, 126 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, 201, 126 Background



This preview shows how black text looks on a background with the RGB color 225, 201, 126.



This preview shows how white text looks on a background with the RGB color 225, 201, 126.

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, 201, 126

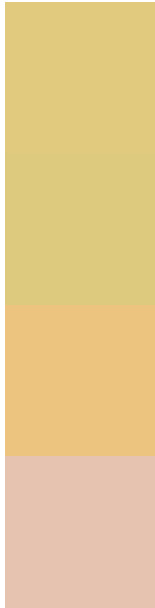
Protanopia
221, 202, 127

Deuteranopia
244, 193, 128



Tritanopia
233, 191, 206

Trichromacy



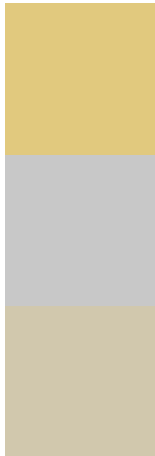
Original Color
225, 201, 126

Protanomaly
222, 202, 127

Deuteranomaly
237, 196, 127

Tritanomaly
230, 195, 177

Monochromacy



Original Color
225, 201, 126

Achromatopsia
200, 200, 200

Achromatomaly
209, 200, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 201, 126 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, 201, 126)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 126)  
}
```

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, 201, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 126) }
```

Border

The CSS property to change the border of an element to RGB 225, 201, 126 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, 201, 126) }
```

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

```
.border{ border-color:rgb(225, 201, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 201, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 201, 126); box-shadow:4px 4px 4px 4px rgb(225, 201, 126) }
```

Background

The CSS property to change the background color of an element to RGB 225, 201, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 126) }
```

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

```
.background{ background-color: rgb(225,  
201, 126) }
```

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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