

Converting Colors

RGB(225, 171, 111)

Have a look what the booklet for
RGB(225, 171, 111) contains.

RGB(225, 171, 111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(225, 171, 111)

Conversions

Conversions Part 1

Format	Color
Hex	E1AB6F
RGB	225, 171, 111
RGB Percent	88%, 67%, 44%
CMY	0.1176, 0.3294, 0.5647
CMYK	0.00, 0.24, 0.51, 0.12
HSL	32°, 66%, 66%
HSV	32°, 51%, 88%
XYZ	48.4835, 46.2811, 21.4167
YIQ	180.3060, 51.4440, -7.2120

Conversions

Conversions Part 2

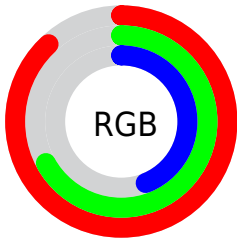
Format	Color
RYB	214, 225, 111
Decimal	14789487
CIELab	73.73, 12.75, 38.39
CIELCh	74, 40.451, 71.630
Yxy	46.2811, 0.4173, 0.3984
Android (android.graphics.Color)	4292979567 (0xFFE1AB6F)
YUV	180.3060, -34.1679, 39.1966
Hunter-Lab	68.0302, 8.1598, 28.9559

Details

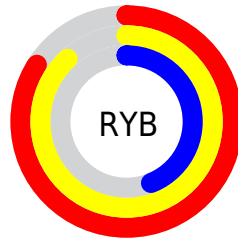
The RGB color **225, 171, 111** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **111, 165, 225**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 226, 164**, and **167, 119, 62** is the 20% darker color. If you saturate the color by 10%, you get **225, 160, 89**, and if you desaturate by 10%, it is **225, 182, 134**.

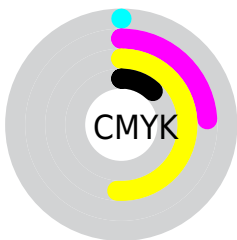
Distribution



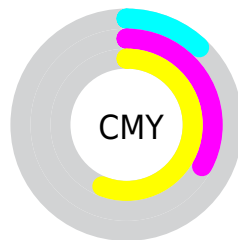
- Red (88%)
- Green (67%)
- Blue (44%)



- Red (84%)
- Yellow (88%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 171, 111 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, 171, 111 by changing the saturation by 10% instead.

 225, 171, 111

 225, 171, 111

255, 255, 255

 196, 144, 86


 255, 226, 164

 167, 119, 62

 255, 255, 191

 139, 94, 38

 255, 255, 219

 111, 70, 13

 255, 255, 248

 85, 48, 0

 59, 27, 0

 35, 3, 0


 0, 0, 0

 225, 171, 111


 225, 171, 111

 225, 160, 89


 225, 182, 134

 225, 150, 66

 225, 192, 156

 225, 139, 44

 225, 203, 179

 225, 128, 21

 225, 214, 201

 225, 118, 0

 225, 224, 224

 225, 235, 246

 225, 246, 255

 225, 255, 255

Harmonies

Analogous

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



247, 159, 134



225, 171, 111



191, 184, 107

Triad

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



225, 171, 111



45, 201, 195



204, 166, 237

Complementary

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



225, 171, 111



111, 165, 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.



151, 180, 254



225, 171, 111



0, 199, 229

Square

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



225, 171, 111



103, 199, 157



84, 191, 251



239, 155, 205

Rectangle

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



225, 171, 111



165, 191, 117



84, 191, 251



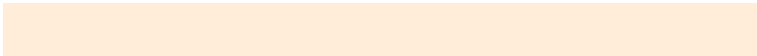
188, 171, 244

Sweetspot

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



225, 171, 111



255, 237, 217



225, 111, 166



128, 117, 105



0, 0, 0



128, 128, 128

Same Dimension

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



225, 171, 111



255, 181, 99



223, 225, 111



112, 107, 101



176, 93, 0



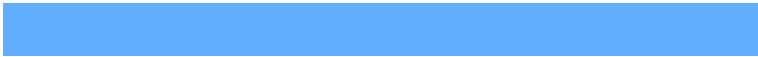
48, 25, 0

Inverse Universe

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



111, 165, 225



99, 173, 255



113, 111, 225



101, 106, 112



0, 83, 176



0, 23, 48

Previews

White Background



This preview shows how the RGB color 225, 171, 111 looks on a white background.

Color Contrast Check

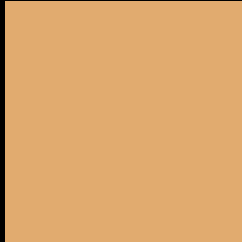
Large Text (above 18pt) WCAG AA × Fail

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, 171, 111 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, 171, 111 Background



This preview shows how black text looks on a background with the RGB color 225, 171, 111.



This preview shows how white text looks on a background with the RGB color 225, 171, 111.

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, 171, 111

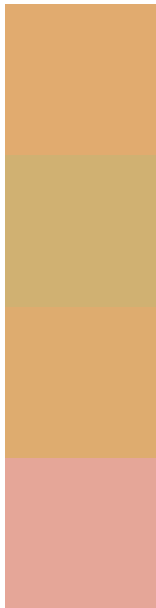
Protanopia
198, 181, 115

Deuteranopia
220, 173, 111



Tritanopia
231, 163, 175

Trichromacy



Original Color
225, 171, 111

Protanomaly
208, 177, 114

Deuteranomaly
222, 172, 111

Tritanomaly
229, 166, 152

Monochromacy



Original Color
225, 171, 111

Achromatopsia
180, 180, 180

Achromatomaly
196, 177, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 171, 111 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, 171, 111)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 111)  
}
```

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, 171, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 111) }
```

Border

The CSS property to change the border of an element to RGB 225, 171, 111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

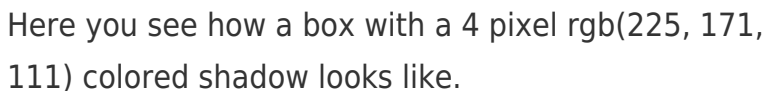
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 171, 111) }
```

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

```
.border{ border-color:rgb(225, 171, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 171, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 111);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 225, 171, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 111) }
```

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

```
.background{ background-color: rgb(225,  
171, 111) }
```

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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