

Converting Colors

RGB(225, 180, 124)

Have a look what the booklet for
RGB(225, 180, 124) contains.

RGB(225, 180, 124)	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, 180, 124)

Conversions

Conversions Part 1

Format	Color
Hex	E1B47C
RGB	225, 180, 124
RGB Percent	88%, 71%, 49%
CMY	0.1176, 0.2941, 0.5137
CMYK	0.00, 0.20, 0.45, 0.12
HSL	33°, 63%, 68%
HSV	33°, 45%, 88%
XYZ	51.0107, 50.1053, 26.0515
YIQ	187.0710, 44.7960, -7.8760

Conversions

Conversions Part 2

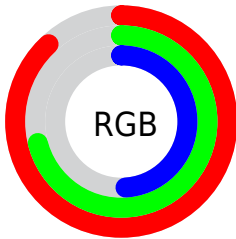
Format	Color
R _Y B	205, 225, 124
Decimal	14791804
CIE Lab	76.13, 9.20, 34.69
CIE LCh	76, 35.889, 75.146
Yxy	50.1053, 0.4011, 0.3940
Android (android.graphics.Color)	4292981884 (0xFFE1B47C)
YUV	187.0710, -31.0940, 33.2637
Hunter-Lab	70.7851, 4.7606, 27.7287

Details

The RGB color **225, 180, 124** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **124, 169, 225**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 236, 177**, and **168, 127, 74** is the 20% darker color. If you saturate the color by 10%, you get **225, 170, 102**, and if you desaturate by 10%, it is **225, 190, 147**.

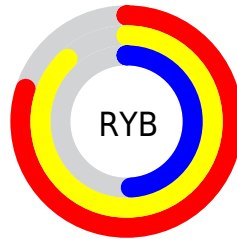
Distribution



Red (88%)

Green (71%)

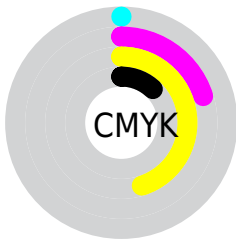
Blue (49%)



Red (80%)

Yellow (88%)

Blue (49%)

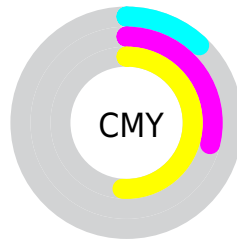


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (12%)



Cyan (12%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 180, 124 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, 180, 124 by changing the saturation by 10% instead.

 225, 180, 124

 225, 180, 124


255, 255, 255

 196, 153, 99

 255, 236, 177

 168, 127, 74

 255, 255, 205

 140, 102, 50

 255, 255, 233

 113, 78, 27


 86, 56, 3

 61, 34, 0

 36, 14, 0


 0, 0, 0

 225, 180, 124


 225, 180, 124

 225, 170, 102


 225, 190, 147

 225, 160, 79


 225, 200, 169

 225, 150, 57

 225, 210, 192

 225, 140, 34

 225, 220, 214

 225, 130, 11

 225, 230, 236

 225, 125, 0

 225, 240, 255

 225, 250, 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, 169, 142



225, 180, 124



193, 191, 123

Triad

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



225, 180, 124



80, 206, 204



213, 173, 235

Complementary

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



225, 180, 124



124, 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.



168, 185, 251



225, 180, 124



76, 203, 234

Square

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



225, 180, 124



116, 205, 170



117, 196, 251



242, 164, 206

Rectangle

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



225, 180, 124



169, 197, 133



117, 196, 251



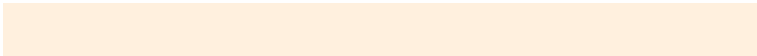
199, 177, 242

Sweetspot

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



225, 180, 124



255, 240, 222



225, 124, 169



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



225, 180, 124



255, 194, 117



220, 225, 124



112, 107, 101



176, 98, 0



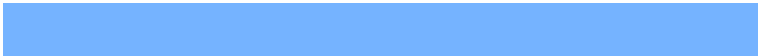
48, 27, 0

Inverse Universe

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



124, 169, 225



117, 179, 255



129, 124, 225



101, 106, 112



0, 78, 176



0, 22, 48

Previews

White Background



This preview shows how the RGB color 225, 180, 124 looks on a white background.

Color Contrast Check

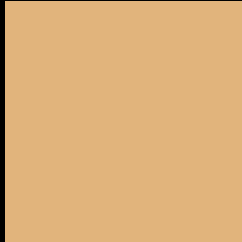
Large Text (above 18pt) WCAG AA × Fail

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, 180, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

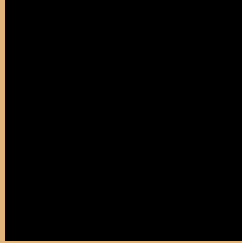
Any Text WCAG AA ✓ Pass

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, 180, 124 Background



This preview shows how black text looks on a background with the RGB color 225, 180, 124.



This preview shows how white text looks on a background with the RGB color 225, 180, 124.

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, 180, 124

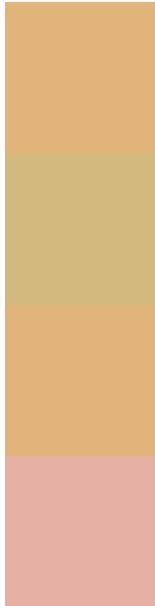
Protanopia
204, 188, 127

Deuteranopia
226, 180, 124



Tritanopia
231, 172, 185

Trichromacy



Original Color

225, 180, 124

Protanomaly

212, 185, 126

Deuteranomaly

226, 180, 124

Tritanomaly

229, 175, 163

Monochromacy



Original Color

225, 180, 124

Achromatopsia

187, 187, 187

Achromatomaly

201, 184, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 180, 124 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, 180, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 180, 124)  
}
```

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, 180, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 180, 124) }
```

Border

The CSS property to change the border of an element to RGB 225, 180, 124 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, 180, 124) }
```

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

```
.border{ border-color:rgb(225, 180, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 180, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 180, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 180, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 180,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 225, 180, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 180, 124) }
```

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

```
.background{ background-color: rgb(225,  
180, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor