

Converting Colors

RGB(226, 183, 107)

Have a look what the booklet for
RGB(226, 183, 107) contains.

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Color

RGB(226, 183, 107)

Conversions

Conversions Part 1

Format	Color
Hex	E2B76B
RGB	226, 183, 107
RGB Percent	89%, 72%, 42%
CMY	0.1137, 0.2824, 0.5804
CMYK	0.00, 0.19, 0.53, 0.11
HSL	38°, 67%, 65%
HSV	38°, 53%, 89%
XYZ	50.9514, 51.0973, 21.0872
YIQ	187.1930, 50.0240, -14.5200

Conversions

Conversions Part 2

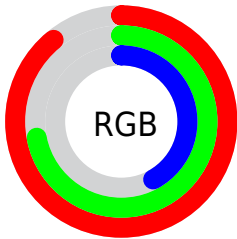
Format	Color
RYB	174, 226, 107
Decimal	14858091
CIELab	76.74, 6.44, 44.18
CIELCh	77, 44.646, 81.708
Yxy	51.0973, 0.4138, 0.4150
Android (android.graphics.Color)	4293048171 (0xFFE2B76B)
YUV	187.1930, -39.5351, 34.0337
Hunter-Lab	71.4823, 2.1375, 32.5471

Details

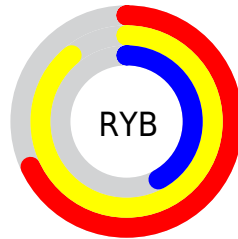
The RGB color **226, 183, 107** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **107, 150, 226**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 239, 160**, and **168, 130, 57** is the 20% darker color. If you saturate the color by 10%, you get **226, 175, 84**, and if you desaturate by 10%, it is **226, 191, 130**.

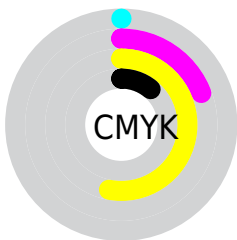
Distribution



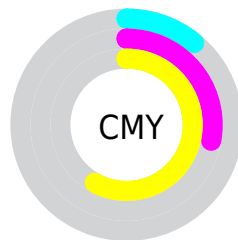
- Red (89%)
- Green (72%)
- Blue (42%)



- Red (68%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (53%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 183, 107 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 226, 183, 107 by changing the saturation by 10% instead.

 226, 183, 107

255, 255, 255

 255, 239, 160

 255, 255, 187


 255, 255, 215

 255, 255, 244

 226, 183, 107

 197, 156, 82

 168, 130, 57

 140, 105, 32

 112, 81, 3

 86, 58, 0

 60, 37, 0

 35, 17, 0

 0, 0, 0

 226, 183, 107

 226, 183, 107

■ 226, 175, 84

■ 226, 191, 130

■ 226, 167, 62

■ 226, 199, 152

■ 226, 159, 39

■ 226, 207, 175

■ 226, 150, 17

■ 226, 216, 197

■ 226, 144, 0

■ 226, 224, 220

■ 226, 232, 243

■ 226, 240, 255

■ 226, 248, 255

■ 226, 255, 255

Harmonies

Analogous

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



255, 169, 126



226, 183, 107



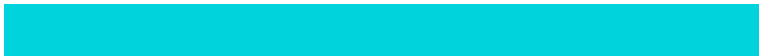
186, 196, 111

Triad

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



226, 183, 107



0, 211, 219



230, 168, 241

Complementary

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



226, 183, 107



107, 150, 226

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.



177, 183, 255



226, 183, 107



0, 207, 253

Square

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



226, 183, 107



78, 210, 176



103, 197, 255



255, 158, 203

Rectangle

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



226, 183, 107



154, 203, 126



103, 197, 255



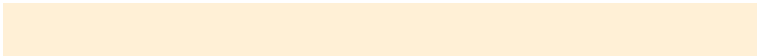
215, 173, 251

Sweetspot

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



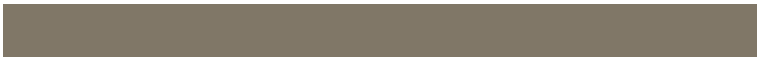
226, 183, 107



255, 240, 214



226, 107, 151



128, 119, 103



0, 0, 0



128, 128, 128

Same Dimension

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



226, 183, 107



255, 197, 94



210, 226, 107



112, 108, 101



176, 112, 0



48, 31, 0

Inverse Universe

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



107, 150, 226



94, 152, 255



123, 107, 226



101, 105, 112



0, 64, 176



0, 18, 48

Previews

White Background



This preview shows how the RGB color 226, 183, 107 looks on a white background.

Color Contrast Check

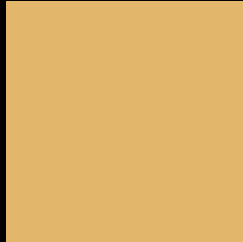
Large Text (above 18pt) WCAG AA × Fail

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 226, 183, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

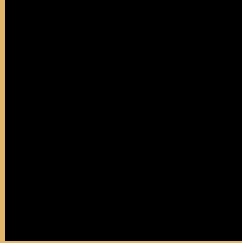
Any Text WCAG AA ✓ Pass

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 226, 183, 107 Background



This preview shows how black text looks on a background with the RGB color 226, 183, 107.



This preview shows how white text looks on a background with the RGB color 226, 183, 107.

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
226, 183, 107

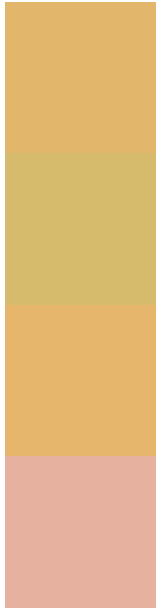
Protanopia
208, 190, 109

Deuteranopia
231, 181, 107



Tritanopia
233, 174, 187

Trichromacy



Original Color
226, 183, 107

Protanomaly
215, 187, 108

Deuteranomaly
229, 182, 107

Tritanomaly
230, 177, 158

Monochromacy



Original Color
226, 183, 107

Achromatopsia
187, 187, 187

Achromatomaly
201, 186, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 183, 107 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(226, 183, 107)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 107)  
}
```

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(226, 183, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 107) }
```

Border

The CSS property to change the border of an element to RGB 226, 183, 107 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(226, 183, 107) }
```

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

```
.border{ border-color:rgb(226, 183, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 107);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 226, 183, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 107) }
```

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

```
.background{ background-color: rgb(226,  
183, 107) }
```

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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