

Converting Colors

RGB(236, 184, 130)

Have a look what the booklet for
RGB(236, 184, 130) contains.

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Color

RGB(236, 184, 130)

Conversions

Conversions Part 1

Format	Color
Hex	ECB882
RGB	236, 184, 130
RGB Percent	93%, 72%, 51%
CMY	0.0745, 0.2784, 0.4902
CMYK	0.00, 0.22, 0.45, 0.07
HSL	31°, 74%, 72%
HSV	31°, 45%, 93%
XYZ	55.7618, 53.7256, 28.5502
YIQ	193.3920, 48.3260, -5.7700

Conversions

Conversions Part 2

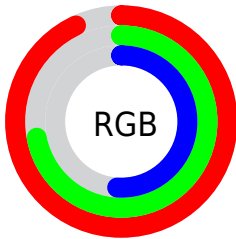
Format	Color
R _Y B	232, 236, 130
Decimal	15513730
CIE Lab	78.30, 12.10, 34.58
CIE LCh	78, 36.634, 70.714
Yxy	53.7256, 0.4040, 0.3892
Android (android.graphics.Color)	4293703810 (0xFFECB882)
YUV	193.3920, -31.2523, 37.3672
Hunter-Lab	73.2977, 7.5243, 28.2144

Details

The RGB color **236, 184, 130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **130, 182, 236**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 240, 184**, and **178, 131, 80** is the 20% darker color. If you saturate the color by 10%, you get **236, 172, 106**, and if you desaturate by 10%, it is **236, 196, 154**.

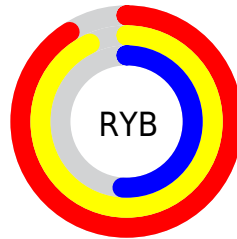
Distribution



Red (93%)

Green (72%)

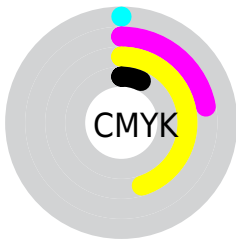
Blue (51%)



Red (91%)

Yellow (93%)

Blue (51%)

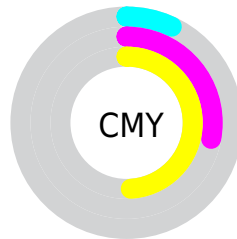


Cyan (0%)

Magenta (22%)

Yellow (45%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 236, 184, 130 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 236, 184, 130 by changing the saturation by 10% instead.

 236, 184, 130

 236, 184, 130


255, 255, 255

 207, 157, 104

 255, 240, 184

 178, 131, 80

 255, 255, 211

 150, 106, 56

 255, 255, 240

 122, 82, 33

 96, 59, 9

 70, 37, 0


 44, 17, 0

 12, 0, 0


 0, 0, 0

 236, 184, 130


 236, 184, 130

 236, 172, 106


 236, 196, 154

 236, 161, 83


 236, 207, 177

 236, 149, 59

 236, 219, 201

 236, 138, 36

 236, 230, 224

 236, 126, 12

 236, 242, 248

 236, 120, 0

 236, 253, 255

 236, 255, 255

Harmonies

Analogous

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



255, 173, 151



236, 184, 130



205, 196, 126

Triad

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



236, 184, 130



88, 212, 205



214, 181, 245

Complementary

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



236, 184, 130



130, 182, 236

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.



166, 193, 255



236, 184, 130



76, 210, 237

Square

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



236, 184, 130



126, 211, 170



113, 203, 255



247, 171, 217

Rectangle

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



236, 184, 130



180, 202, 134



113, 203, 255



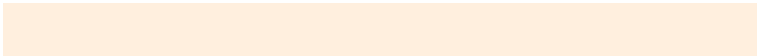
199, 185, 252

Sweetspot

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



236, 184, 130



255, 239, 222



236, 130, 183



128, 117, 107



0, 0, 0



128, 128, 128

Same Dimension

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



236, 184, 130



255, 187, 117



236, 236, 130



117, 112, 106



181, 92, 0



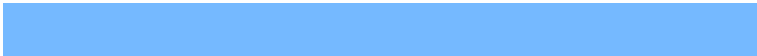
54, 27, 0

Inverse Universe

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



130, 182, 236



117, 185, 255



130, 130, 236



106, 111, 117



0, 89, 181



0, 26, 54

Previews

White Background



This preview shows how the RGB color 236, 184, 130 looks on a white background.

Color Contrast Check

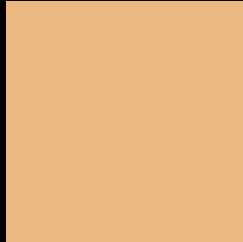
Large Text (above 18pt) WCAG AA × Fail

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 236, 184, 130 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 236, 184, 130 Background



This preview shows how black text looks on a background with the RGB color 236, 184, 130.


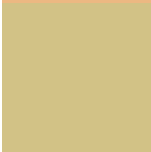



This preview shows how white text looks on a background with the RGB color 236, 184, 130.

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](#).

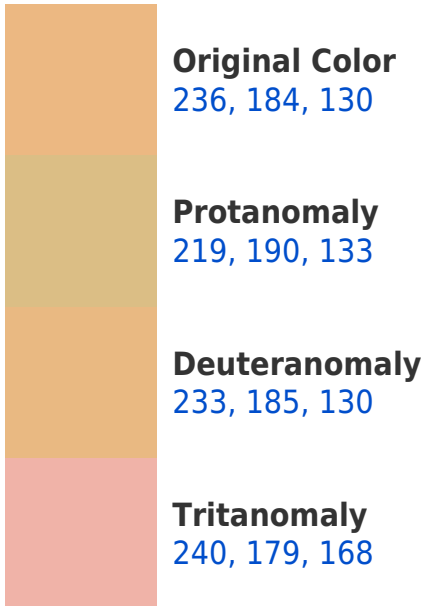
Dichromacy

	Original Color 236, 184, 130
	Protanopia 210, 194, 134
	Deuteranopia 232, 185, 130

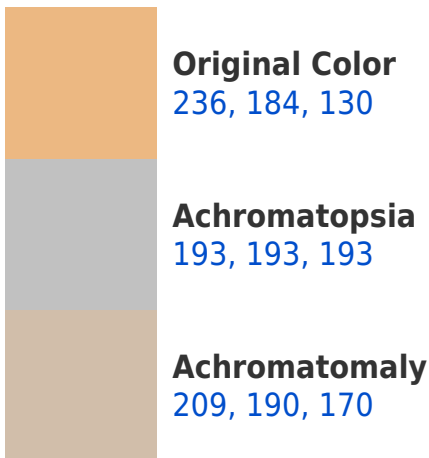


Tritanopia
242, 176, 190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 184, 130 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(236, 184, 130)` looks like.

```
.text, #text, p{  
    color:rgb(236, 184, 130)  
}
```

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(236, 184, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 184, 130) }
```

Border

The CSS property to change the border of an element to RGB 236, 184, 130 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(236, 184, 130) }
```

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

```
.border{ border-color:rgb(236, 184, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 184, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 184, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 184, 130);  
box-shadow:4px 4px 4px 4px rgb(236, 184,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 236, 184, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 184, 130) }
```

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

```
.background{ background-color: rgb(236,  
184, 130) }
```

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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