

Converting Colors

RGB(234, 194, 104)

Have a look what the booklet for
RGB(234, 194, 104) contains.

RGB(234, 194, 104)	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(234, 194, 104)

Conversions

Conversions Part 1	
Format	Color
Hex	EAC268
RGB	234, 194, 104
RGB Percent	92%, 76%, 41%
CMY	0.0824, 0.2392, 0.5922
CMYK	0.00, 0.17, 0.56, 0.08
HSL	42°, 76%, 66%
HSV	42°, 56%, 92%
XYZ	55.7222, 57.0755, 21.1765
YIQ	195.7000, 52.7300, -19.5100

Conversions

Conversions Part 2

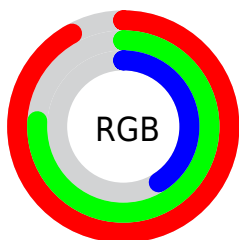
Format	Color
RYB	162, 234, 104
Decimal	15385192
CIELab	80.22, 3.72, 50.02
CIELCh	80, 50.162, 85.745
Yxy	57.0755, 0.4159, 0.4260
Android (android.graphics.Color)	4293575272 (0xFFEAC268)
YUV	195.7000, -45.2081, 33.5891
Hunter-Lab	75.5483, -0.5533, 36.2646

Details

The RGB color **234, 194, 104** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **104, 144, 234**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 250, 157**, and **175, 141, 53** is the 20% darker color. If you saturate the color by 10%, you get **234, 187, 81**, and if you desaturate by 10%, it is **234, 201, 127**.

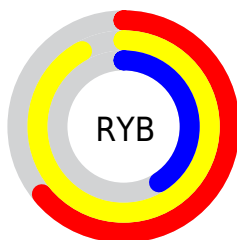
Distribution



Red (92%)

Green (76%)

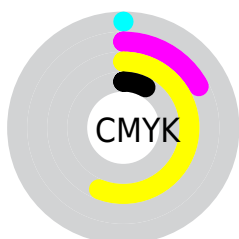
Blue (41%)



Red (64%)

Yellow (92%)

Blue (41%)

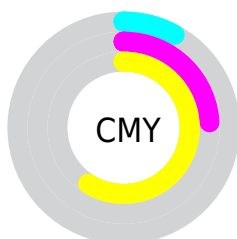


Cyan (0%)

Magenta (17%)

Yellow (56%)

Black (8%)



Cyan (8%)


Magenta (24%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 194, 104 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 234, 194, 104 by changing the saturation by 10% instead.

 234, 194, 104


255, 255, 255


 255, 250, 157

 255, 255, 185

 255, 255, 213

 255, 255, 242

 234, 194, 104

 204, 167, 78

 175, 141, 53


 147, 115, 26

 119, 91, 0


 92, 68, 0


 66, 46, 0

 40, 25, 0

 11, 0, 0

 0, 0, 0

 234, 194, 104

 234, 194, 104

 234, 187, 81

 234, 201, 127

 234, 180, 57

 234, 208, 151

 234, 172, 34

 234, 216, 174

 234, 165, 10

 234, 223, 198

 234, 162, 0

 234, 230, 221

 234, 237, 244

 234, 244, 255

 234, 252, 255

 234, 255, 255

Harmonies

Analogous

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



255, 177, 123



234, 194, 104



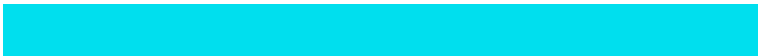
187, 208, 112

Triad

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



234, 194, 104



0, 223, 238



251, 172, 252

Complementary

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



234, 194, 104



104, 144, 234

Split Complementary

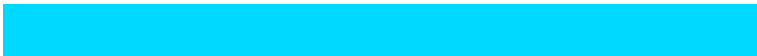
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



193, 189, 255



234, 194, 104



0, 217, 255

Square

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



234, 194, 104



47, 223, 190



108, 206, 255



255, 161, 208

Rectangle

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



234, 194, 104



151, 215, 132



108, 206, 255



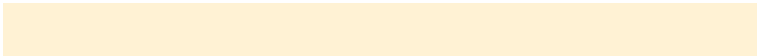
235, 177, 255

Sweetspot

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



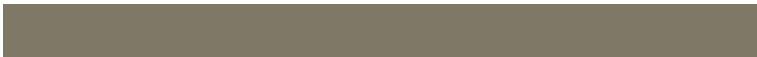
234, 194, 104



255, 242, 212



234, 104, 145



128, 120, 102



0, 0, 0



128, 128, 128

Same Dimension

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



234, 194, 104



255, 202, 84



210, 234, 104



117, 114, 106



181, 125, 0



54, 37, 0

Inverse Universe

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



104, 144, 234



84, 137, 255



128, 104, 234



106, 109, 117



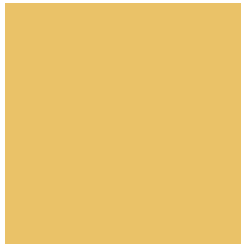
0, 56, 181



0, 16, 54

Previews

White Background



This preview shows how the RGB color 234, 194, 104 looks on a white background.

Color Contrast Check

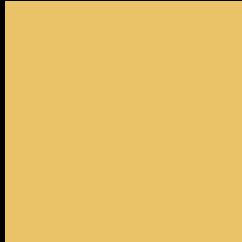
Large Text (above 18pt) WCAG AA × Fail

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 234, 194, 104 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 234, 194, 104 Background



This preview shows how black text looks on a background with the RGB color 234, 194, 104.



This preview shows how white text looks on a background with the RGB color 234, 194, 104.

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


234, 194, 104

Protanopia

219, 199, 106

Deuteranopia

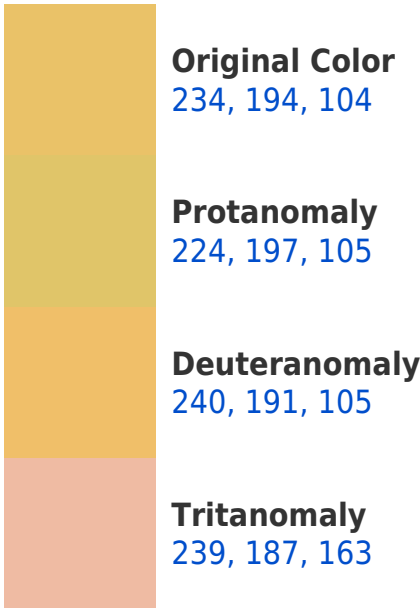
244, 190, 105



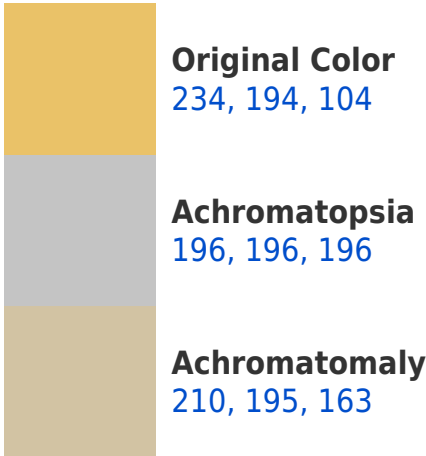
Tritanopia

242, 183, 197

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 194, 104 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(234, 194, 104)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 104)  
}
```

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(234, 194, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 104) }
```

Border

The CSS property to change the border of an element to RGB 234, 194, 104 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(234, 194, 104) }
```

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

```
.border{ border-color:rgb(234, 194, 104) }
```

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

Here you see how a box with a 4 pixel rgb(234, 194, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 104);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 234, 194, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 104) }
```

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

```
.background{ background-color: rgb(234,  
194, 104) }
```

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