

Converting Colors

RGB(231, 194, 111)

Have a look what the booklet for
RGB(231, 194, 111) contains.

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Color

RGB(231, 194, 111)

Conversions

Conversions Part 1

Format	Color
Hex	E7C26F
RGB	231, 194, 111
RGB Percent	91%, 76%, 44%
CMY	0.0941, 0.2392, 0.5647
CMYK	0.00, 0.16, 0.52, 0.09
HSL	41°, 71%, 67%
HSV	41°, 52%, 91%
XYZ	55.1160, 56.7202, 23.0821
YIQ	195.6010, 48.6950, -17.9690

Conversions

Conversions Part 2

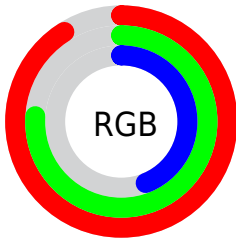
Format	Color
RYB	164, 231, 111
Decimal	15188591
CIELab	80.02, 3.06, 46.30
CIElCh	80, 46.403, 86.217
Yxy	56.7202, 0.4085, 0.4204
Android (android.graphics.Color)	4293378671 (0xFFE7C26F)
YUV	195.6010, -41.7083, 31.0449
Hunter-Lab	75.3128, -1.1661, 34.5476

Details

The RGB color **231, 194, 111** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **111, 148, 231**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 250, 164**, and **173, 141, 60** is the 20% darker color. If you saturate the color by 10%, you get **231, 187, 88**, and if you desaturate by 10%, it is **231, 201, 134**.

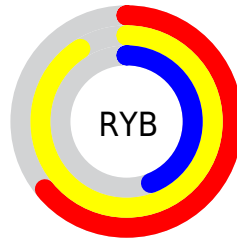
Distribution



Red (91%)

Green (76%)

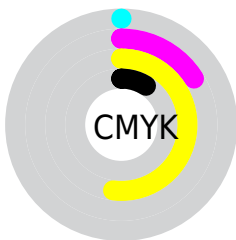
Blue (44%)



Red (64%)

Yellow (91%)

Blue (44%)

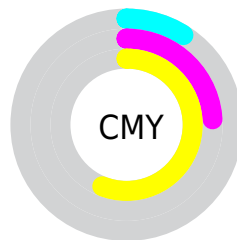


Cyan (0%)

Magenta (16%)

Yellow (52%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 194, 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 231, 194, 111 by changing the saturation by 10% instead.

 231, 194, 111

 231, 194, 111

255, 255, 255

 202, 167, 85

 255, 250, 164

 173, 141, 60

 255, 255, 192

 145, 115, 35

 255, 255, 220

 117, 91, 5


 255, 255, 249

 91, 68, 0

 64, 46, 0

 39, 25, 0

 8, 0, 0

 0, 0, 0

■ 231, 194, 111

■ 231, 194, 111

■ 231, 187, 88

■ 231, 201, 134

■ 231, 180, 65

■ 231, 208, 157

■ 231, 173, 42

■ 231, 215, 180

■ 231, 166, 19

■ 231, 222, 203

■ 231, 160, 0

■ 231, 230, 227

■ 231, 237, 250

■ 231, 244, 255

■ 231, 251, 255

■ 231, 255, 255

Harmonies

Analogous

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



255, 179, 128



231, 194, 111



187, 207, 119

Triad

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



231, 194, 111



0, 221, 235



248, 174, 247

Complementary

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



231, 194, 111



111, 148, 231

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.



195, 189, 255



231, 194, 111



0, 215, 255

Square

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



231, 194, 111



70, 221, 191



121, 204, 255



255, 164, 206

Rectangle

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



231, 194, 111



154, 214, 137



121, 204, 255



232, 178, 255

Sweetspot

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



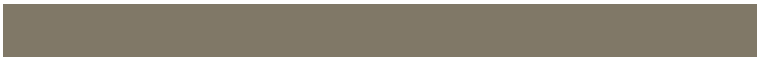
231, 194, 111



255, 242, 214



231, 111, 149



128, 120, 103



0, 0, 0



128, 128, 128

Same Dimension

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



231, 194, 111



255, 206, 97



209, 231, 111



115, 111, 103



179, 123, 0



51, 35, 0

Inverse Universe

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



111, 148, 231



97, 146, 255



133, 111, 231



103, 107, 115



0, 55, 179



0, 16, 51

Previews

White Background



This preview shows how the RGB color 231, 194, 111 looks on a white background.

Color Contrast Check

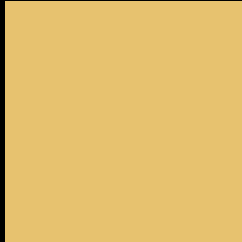
Large Text (above 18pt) WCAG AA × Fail

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 231, 194, 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 231, 194, 111 Background



This preview shows how black text looks on a background with the RGB color 231, 194, 111.



This preview shows how white text looks on a background with the RGB color 231, 194, 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
231, 194, 111

Protanopia
218, 199, 113

Deuteranopia
242, 189, 112

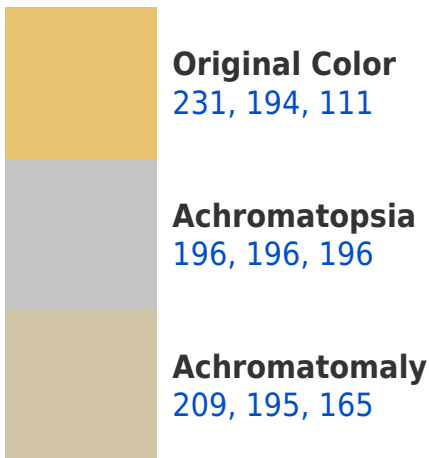


Tritanopia
239, 184, 198

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 194, 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(231, 194, 111)` looks like.

```
.text, #text, p{  
    color:rgb(231, 194, 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(231, 194, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 194, 111) }
```

Border

The CSS property to change the border of an element to RGB 231, 194, 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(231, 194, 111) }
```

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

```
.border{ border-color:rgb(231, 194, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 194, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 194, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 194, 111); box-shadow:4px 4px 4px 4px rgb(231, 194, 111) }
```

Background

The CSS property to change the background color of an element to RGB 231, 194, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 194, 111) }
```

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

```
.background{ background-color: rgb(231,  
194, 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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