

Converting Colors

RGB(238, 206, 168)

Have a look what the booklet for
RGB(238, 206, 168) contains.

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Color

RGB(238, 206, 168)

Conversions

Conversions Part 1

Format	Color
Hex	EECEA8
RGB	238, 206, 168
RGB Percent	93%, 81%, 66%
CMY	0.0667, 0.1922, 0.3412
CMYK	0.00, 0.13, 0.29, 0.07
HSL	33°, 67%, 80%
HSV	33°, 29%, 93%
XYZ	64.3991, 65.1469, 46.2262
YIQ	211.2360, 31.2700, -5.0340

Conversions

Conversions Part 2

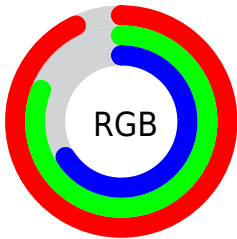
Format	Color
RYB	227, 238, 168
Decimal	15650472
CIELab	84.56, 5.71, 23.06
CIELCh	85, 23.758, 76.097
Yxy	65.1469, 0.3664, 0.3706
Android (android.graphics.Color)	4293840552 (0xFFEECEA8)
YUV	211.2360, -21.3153, 23.4720
Hunter-Lab	80.7136, 1.1711, 22.5431

Details

The RGB color **238, 206, 168** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **168, 200, 238**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 223**, and **181, 152, 116** is the 20% darker color. If you saturate the color by 10%, you get **238, 195, 144**, and if you desaturate by 10%, it is **238, 217, 192**.

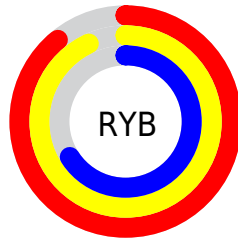
Distribution



Red (93%)

Green (81%)

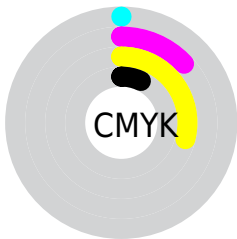
Blue (66%)



Red (89%)

Yellow (93%)

Blue (66%)

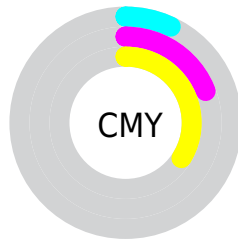


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 206, 168 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 238, 206, 168 by changing the saturation by 10% instead.


 238, 206, 168

 238, 206, 168

255, 255, 255

 209, 179, 141


 255, 255, 223


 181, 152, 116

 255, 255, 252

 154, 126, 91

 127, 101, 67

 101, 77, 45

 76, 54, 23

 53, 33, 0

 29, 11, 0

 0, 0, 0

■ 238, 206, 168

■ 238, 206, 168

■ 238, 195, 144

■ 238, 217, 192

■ 238, 184, 120

■ 238, 228, 216

■ 238, 173, 97

■ 238, 239, 239

■ 238, 162, 73

■ 238, 250, 255

■ 238, 152, 49

■ 238, 255, 255

■ 238, 141, 25

■ 238, 130, 1

■ 238, 129, 0

Harmonies

Analogous

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



253, 199, 180



238, 206, 168



216, 213, 168

Triad

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



238, 206, 168



151, 224, 223



230, 201, 242

Complementary

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



238, 206, 168



168, 200, 238

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.



201, 209, 254



238, 206, 168



152, 222, 243

Square

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



238, 206, 168



166, 223, 200



172, 216, 254



250, 196, 222

Rectangle

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



238, 206, 168



199, 218, 174



172, 216, 254



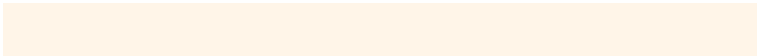
221, 204, 247

Sweetspot

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



238, 206, 168



255, 245, 232



238, 168, 201



128, 121, 113



0, 0, 0



128, 128, 128

Same Dimension

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



238, 206, 168



255, 214, 166



236, 238, 168



120, 114, 108



184, 100, 0



56, 30, 0

Inverse Universe

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



168, 200, 238



166, 207, 255



170, 168, 238



108, 113, 120



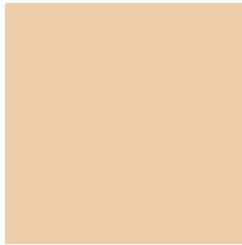
0, 84, 184



0, 26, 56

Previews

White Background



This preview shows how the RGB color 238, 206, 168 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 238, 206, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

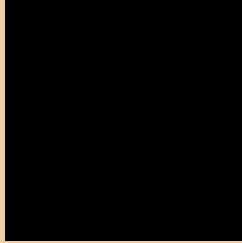
Any Text WCAG AA ✓ Pass

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 238, 206, 168 Background



This preview shows how black text looks on a background with the RGB color 238, 206, 168.



This preview shows how white text looks on a background with the RGB color 238, 206, 168.

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

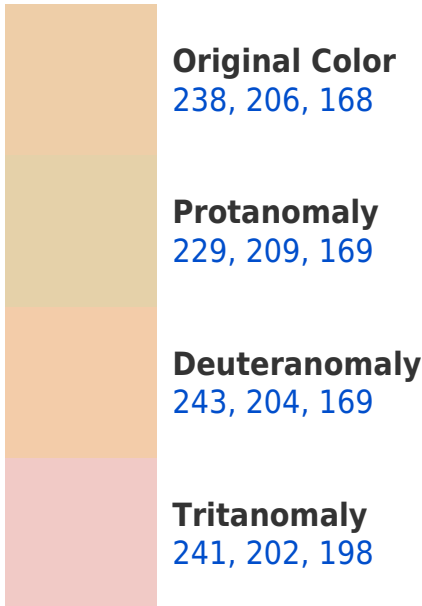


Original Color 238, 206, 168
Protanopia 224, 211, 170
Deuteranopia 246, 203, 169



Tritanopia
243, 199, 215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 206, 168 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(238, 206, 168)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 168)  
}
```

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(238, 206, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 168) }
```

Border

The CSS property to change the border of an element to RGB 238, 206, 168 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(238, 206, 168) }
```

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

```
.border{ border-color:rgb(238, 206, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 168);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 238, 206, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 168) }
```

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

```
.background{ background-color: rgb(238,  
206, 168) }
```

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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