

Converting Colors

RGB(237, 218, 138)

Have a look what the booklet for
RGB(237, 218, 138) contains.

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Color

RGB(237, 218, 138)

Conversions

Conversions Part 1

Format	Color
Hex	EDDA8A
RGB	237, 218, 138
RGB Percent	93%, 85%, 54%
CMY	0.0706, 0.1451, 0.4588
CMYK	0.00, 0.08, 0.42, 0.07
HSL	48°, 73%, 74%
HSV	48°, 42%, 93%
XYZ	64.5839, 69.9823, 34.1488
YIQ	214.5610, 37.0040, -20.8520

Conversions

Conversions Part 2

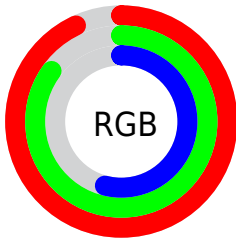
Format	Color
RYB	162, 237, 138
Decimal	15587978
CIELab	86.99, -4.34, 41.68
CIELCh	87, 41.907, 95.945
Yxy	69.9823, 0.3828, 0.4148
Android (android.graphics.Color)	4293778058 (0xFFEDDA8A)
YUV	214.5610, -37.7446, 19.6790
Hunter-Lab	83.6554, -8.5909, 34.3562

Details

The RGB color **237, 218, 138** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **138, 157, 237**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 192**, and **180, 163, 86** is the 20% darker color. If you saturate the color by 10%, you get **237, 213, 114**, and if you desaturate by 10%, it is **237, 223, 162**.

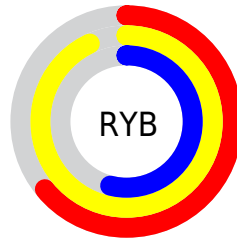
Distribution



Red (93%)

Green (85%)

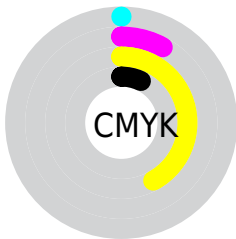
Blue (54%)



Red (64%)

Yellow (93%)

Blue (54%)

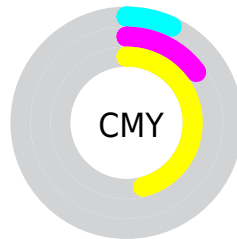


Cyan (0%)

Magenta (8%)

Yellow (42%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the RGB color 237, 218, 138 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 237, 218, 138 by changing the saturation by 10% instead.

 237, 218, 138

 237, 218, 138


255, 255, 255

 208, 190, 112

 255, 255, 192

 180, 163, 86

 255, 255, 221

 152, 137, 62

 255, 255, 250

 125, 112, 37

 98, 88, 10

 73, 64, 0

 48, 43, 0

 23, 23, 0

 0, 0, 0

 237, 218, 138

 237, 218, 138

 237, 213, 114

 237, 223, 162

 237, 209, 91

 237, 227, 185

 237, 204, 67

 237, 232, 209

 237, 200, 43

 237, 236, 233

 237, 195, 19

 237, 241, 255

 237, 192, 0

 237, 245, 255

 237, 250, 255

 237, 254, 255

 237, 255, 255

Harmonies

Analogous

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



255, 204, 146



237, 218, 138



194, 229, 152

Triad

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



237, 218, 138



70, 238, 255



255, 192, 251

Complementary

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



237, 218, 138



138, 157, 237

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.



233, 205, 255



237, 218, 138



111, 231, 255

Square

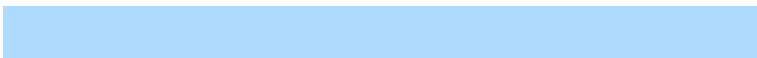
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 218, 138



97, 240, 225



175, 219, 255



255, 187, 211

Rectangle

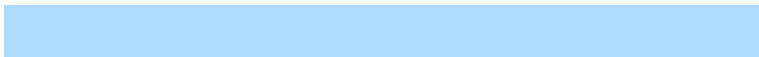
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237, 218, 138



163, 235, 172



175, 219, 255



255, 196, 255

Sweetspot

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



237, 218, 138



255, 249, 222



237, 138, 158



128, 124, 107



0, 0, 0



128, 128, 128

Same Dimension

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



237, 218, 138



255, 231, 128



207, 237, 138



117, 115, 106



181, 146, 0



54, 43, 0

Inverse Universe

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



138, 157, 237



128, 152, 255



168, 138, 237



106, 108, 117



0, 35, 181



0, 10, 54

Previews

White Background



This preview shows how the RGB color 237, 218, 138 looks on a white background.

Color Contrast Check

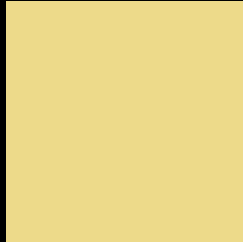
Large Text (above 18pt) WCAG AA × Fail

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 237, 218, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

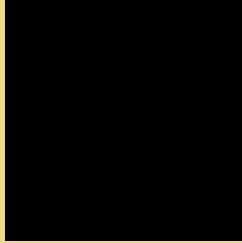
Any Text WCAG AA ✓ Pass

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 237, 218, 138 Background



This preview shows how black text looks on a background with the RGB color 237, 218, 138.



This preview shows how white text looks on a background with the RGB color 237, 218, 138.

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
237, 218, 138

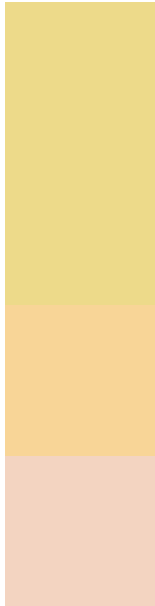
Protanopia
237, 218, 138

Deuteranopia
255, 210, 158



Tritanopia
246, 208, 224

Trichromacy



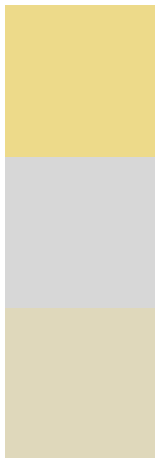
Original Color
237, 218, 138

Protanomaly
237, 218, 138

Deuteranomaly
248, 213, 151

Tritanomaly
243, 212, 193

Monochromacy



Original Color
237, 218, 138

Achromatopsia
215, 215, 215

Achromatomaly
223, 216, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 218, 138 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(237, 218, 138)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 138)  
}
```

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(237, 218, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 138) }
```

Border

The CSS property to change the border of an element to RGB 237, 218, 138 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(237, 218, 138) }
```

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

```
.border{ border-color:rgb(237, 218, 138) }
```

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

Here you see how a box with a 4 pixel rgb(237, 218, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 138);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 237, 218, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 138) }
```

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

```
.background{ background-color: rgb(237,  
218, 138) }
```

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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