

Converting Colors

RGB(238, 227, 158)

Have a look what the booklet for
RGB(238, 227, 158) contains.

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Color

RGB(238, 227, 158)

Conversions

Conversions Part 1

Format	Color
Hex	EEE39E
RGB	238, 227, 158
RGB Percent	93%, 89%, 62%
CMY	0.0667, 0.1098, 0.3804
CMYK	0.00, 0.05, 0.34, 0.07
HSL	52°, 70%, 78%
HSV	52°, 34%, 93%
XYZ	68.9005, 75.5839, 43.3055
YIQ	222.4230, 28.7050, -19.1270

Conversions

Conversions Part 2

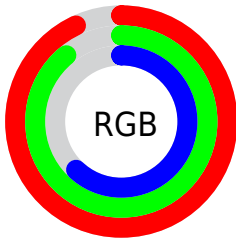
Format	Color
RYB	171, 238, 158
Decimal	15655838
CIELab	89.67, -6.30, 35.10
CIELCh	90, 35.662, 100.174
Yxy	75.5839, 0.3669, 0.4025
Android (android.graphics.Color)	4293845918 (0xFFEEE39E)
YUV	222.4230, -31.7605, 13.6610
Hunter-Lab	86.9390, -10.6792, 31.3242

Details

The RGB color **238, 227, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 169, 238**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 213**, and **181, 172, 106** is the 20% darker color. If you saturate the color by 10%, you get **238, 224, 134**, and if you desaturate by 10%, it is **238, 230, 182**.

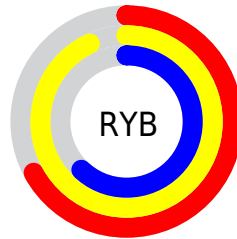
Distribution



Red (93%)

Green (89%)

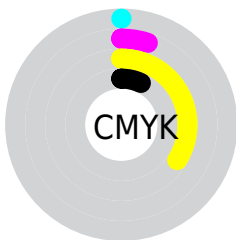
Blue (62%)



Red (67%)

Yellow (93%)

Blue (62%)

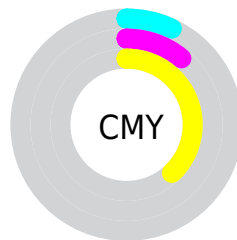


Cyan (0%)

Magenta (5%)

Yellow (34%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 227, 158 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, 227, 158 by changing the saturation by 10% instead.


 238, 227, 158


255, 255, 255

 255, 255, 213

 255, 255, 242


 238, 227, 158

 209, 199, 131

 181, 172, 106

 153, 145, 81

 127, 120, 57

 101, 95, 33

 75, 72, 8

 52, 49, 0

 28, 29, 0

 0, 0, 0

 238, 227, 158

 238, 227, 158

 238, 224, 134


 238, 230, 182

 238, 220, 110


 238, 234, 206

 238, 217, 87


 238, 237, 229

 238, 214, 63

 238, 240, 253

 238, 211, 39

 238, 243, 255

 238, 207, 15

 238, 247, 255

 238, 205, 0

 238, 250, 255

 238, 253, 255

 238, 255, 255

Harmonies

Analogous

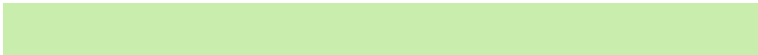
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 216, 162



238, 227, 158



200, 237, 172

Triad

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



238, 227, 158



120, 242, 255



255, 203, 249

Complementary

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



238, 227, 158



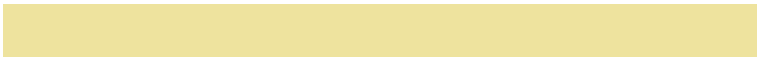
158, 169, 238

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.



245, 213, 255



238, 227, 158



150, 235, 255

Square

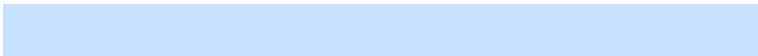
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238, 227, 158



127, 244, 236



199, 225, 255



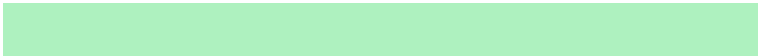
255, 200, 215

Rectangle

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



238, 227, 158



174, 241, 191



199, 225, 255



255, 206, 255

Sweetspot

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



238, 227, 158



255, 251, 230



238, 158, 170



128, 125, 112



0, 0, 0



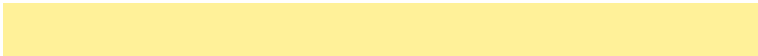
128, 128, 128

Same Dimension

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



238, 227, 158



255, 241, 153



210, 238, 158



120, 118, 108



184, 158, 0



56, 48, 0

Inverse Universe

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



158, 169, 238



153, 167, 255



186, 158, 238



108, 110, 120



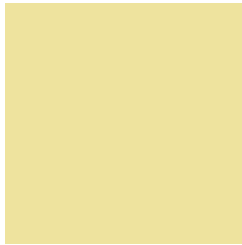
0, 25, 184



0, 8, 56

Previews

White Background



This preview shows how the RGB color 238, 227, 158 looks on a white background.

Color Contrast Check

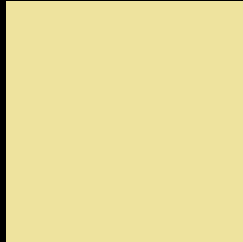
Large Text (above 18pt) WCAG AA × Fail

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, 227, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

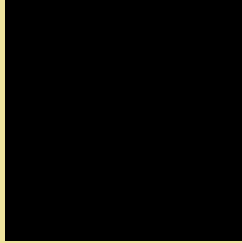
Any Text WCAG AA ✓ Pass

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, 227, 158 Background



This preview shows how black text looks on a background with the RGB color 238, 227, 158.



This preview shows how white text looks on a background with the RGB color 238, 227, 158.

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, 227, 158

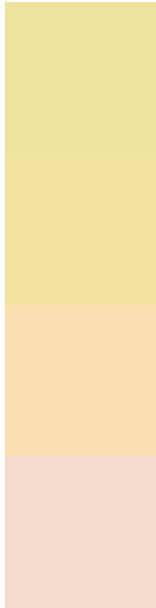
Protanopia
243, 225, 157

Deuteranopia
255, 219, 185



Tritanopia
247, 217, 234

Trichromacy



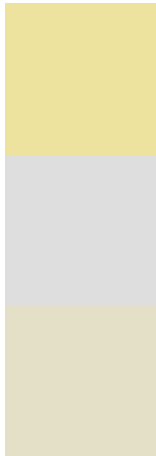
Original Color
238, 227, 158

Protanomaly
241, 226, 157

Deuteranomaly
249, 222, 175

Tritanomaly
244, 221, 206

Monochromacy



Original Color
238, 227, 158

Achromatopsia
222, 222, 222

Achromatomaly
228, 224, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 227, 158 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, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 158)  
}
```

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, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 158) }
```

Border

The CSS property to change the border of an element to RGB 238, 227, 158 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, 227, 158) }
```

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

```
.border{ border-color:rgb(238, 227, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 227, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 238, 227, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 158) }
```

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

```
.background{ background-color: rgb(238,  
227, 158) }
```

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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