

Converting Colors

RGB(226, 213, 138)

Have a look what the booklet for
RGB(226, 213, 138) contains.

RGB(226, 213, 138)	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(226, 213, 138)

Conversions

Conversions Part 1

Format	Color
Hex	E2D58A
RGB	226, 213, 138
RGB Percent	89%, 84%, 54%
CMY	0.1137, 0.1647, 0.4588
CMYK	0.00, 0.06, 0.39, 0.11
HSL	51°, 60%, 71%
HSV	51°, 39%, 89%
XYZ	59.7457, 65.5922, 33.5564
YIQ	208.3370, 31.8230, -20.5690

Conversions

Conversions Part 2

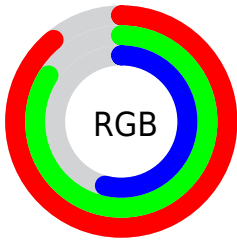
Format	Color
RYB	153, 226, 138
Decimal	14865802
CIELab	84.79, -6.12, 38.68
CIELCh	85, 39.160, 98.991
Yxy	65.5922, 0.3760, 0.4128
Android (android.graphics.Color)	4293055882 (0xFFE2D58A)
YUV	208.3370, -34.6761, 15.4905
Hunter-Lab	80.9890, -10.0511, 32.1265

Details

The RGB color **226, 213, 138** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **138, 151, 226**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 192**, and **169, 159, 87** is the 20% darker color. If you saturate the color by 10%, you get **226, 210, 115**, and if you desaturate by 10%, it is **226, 216, 161**.

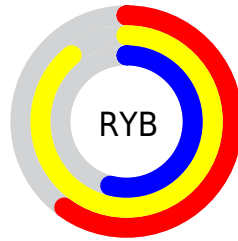
Distribution



Red (89%)

Green (84%)

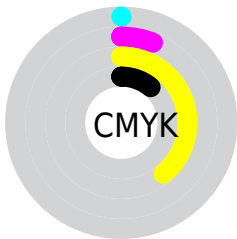
Blue (54%)



Red (60%)

Yellow (89%)

Blue (54%)

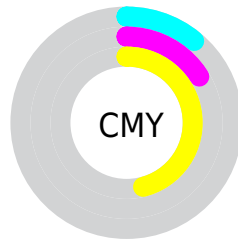


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 213, 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 226, 213, 138 by changing the saturation by 10% instead.

 226, 213, 138

255, 255, 255

 255, 255, 192


 255, 255, 220

 255, 255, 249

 226, 213, 138

 197, 185, 112

 169, 159, 87


 142, 132, 62

 115, 107, 38

 89, 83, 12

 65, 60, 0

 40, 39, 0

 11, 19, 0

 0, 0, 0

 226, 213, 138

 226, 213, 138

 226, 210, 115


 226, 216, 161

 226, 206, 93


 226, 220, 183

 226, 203, 70

 226, 223, 206

 226, 200, 48

 226, 226, 228

 226, 196, 25

 226, 230, 251

 226, 193, 2

 226, 233, 255

 226, 193, 0

 226, 236, 255

 226, 240, 255

 226, 243, 255

Harmonies

Analogous

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



255, 200, 143



226, 213, 138



185, 223, 153

Triad

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



226, 213, 138



83, 230, 255



255, 187, 239

Complementary

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



226, 213, 138



138, 151, 226

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.



231, 198, 255



226, 213, 138



121, 223, 255

Square

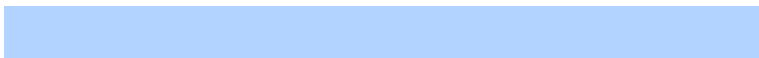
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 213, 138



99, 232, 222



178, 211, 255



255, 184, 202

Rectangle

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



226, 213, 138



156, 228, 172



178, 211, 255



255, 190, 250

Sweetspot

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



226, 213, 138



255, 250, 224



226, 138, 151



128, 125, 110



0, 0, 0



128, 128, 128

Same Dimension

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



226, 213, 138



255, 237, 135



195, 226, 138



112, 111, 101



176, 150, 0



48, 41, 0

Inverse Universe

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



138, 151, 226



135, 153, 255



169, 138, 226



101, 103, 112



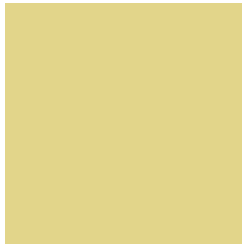
0, 26, 176



0, 7, 48

Previews

White Background



This preview shows how the RGB color 226, 213, 138 looks on a white background.

Color Contrast Check

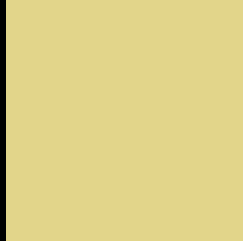
Large Text (above 18pt) WCAG AA × Fail

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 226, 213, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

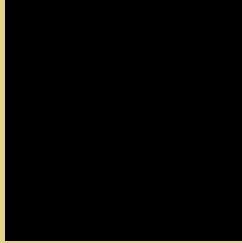
Any Text WCAG AA ✓ Pass

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 226, 213, 138 Background



This preview shows how black text looks on a background with the RGB color 226, 213, 138.



This preview shows how white text looks on a background with the RGB color 226, 213, 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
226, 213, 138

Protanopia
230, 212, 137

Deuteranopia
254, 202, 140



Tritanopia
235, 203, 219

Trichromacy



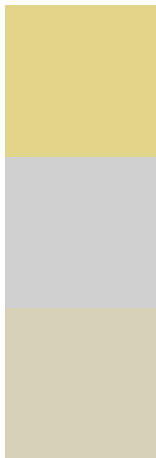
Original Color
226, 213, 138

Protanomaly
229, 212, 137

Deuteranomaly
244, 206, 139

Tritanomaly
232, 207, 190

Monochromacy



Original Color
226, 213, 138

Achromatopsia
208, 208, 208

Achromatomaly
215, 210, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 213, 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(226, 213, 138)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 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(226, 213, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 138) }
```

Border

The CSS property to change the border of an element to RGB 226, 213, 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(226, 213, 138) }
```

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

```
.border{ border-color:rgb(226, 213, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 138);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 226, 213, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 138) }
```

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

```
.background{ background-color: rgb(226,  
213, 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](#).

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