

Converting Colors

RGB(226, 226, 133)

Have a look what the booklet for
RGB(226, 226, 133) contains.

RGB(226, 226, 133)	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, 226, 133)

Conversions

Conversions Part 1

Format	Color
Hex	E2E285
RGB	226, 226, 133
RGB Percent	89%, 89%, 52%
CMY	0.1137, 0.1137, 0.4784
CMYK	0.00, 0.00, 0.41, 0.11
HSL	60°, 62%, 70%
HSV	60°, 41%, 89%
XYZ	62.7940, 72.2549, 32.8273
YIQ	215.3980, 29.8530, -28.9230

Conversions

Conversions Part 2

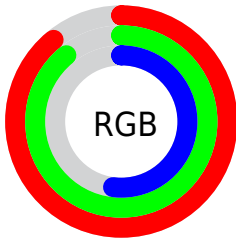
Format	Color
RYB	133, 226, 133
Decimal	14869125
CIELab	88.09, -13.19, 45.36
CIElCh	88, 47.239, 106.218
Yxy	72.2549, 0.3740, 0.4304
Android (android.graphics.Color)	4293059205 (0xFFE2E285)
YUV	215.3980, -40.6222, 9.2980
Hunter-Lab	85.0029, -16.8921, 36.6048

Details

The RGB color **226, 226, 133** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **133, 133, 226**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 187**, and **169, 171, 81** is the 20% darker color. If you saturate the color by 10%, you get **226, 226, 110**, and if you desaturate by 10%, it is **226, 226, 156**.

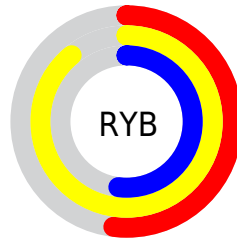
Distribution



Red (89%)

Green (89%)

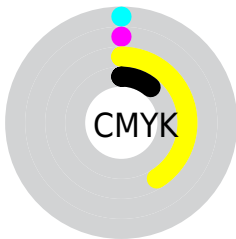
Blue (52%)



Red (52%)

Yellow (89%)

Blue (52%)

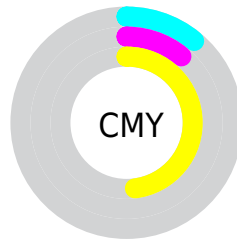


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 226, 133 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, 226, 133 by changing the saturation by 10% instead.

 226, 226, 133


255, 255, 255

 255, 255, 187


 255, 255, 216

 255, 255, 245

 226, 226, 133

 197, 198, 107

 169, 171, 81


 142, 144, 56

 115, 119, 30

 89, 94, 0

 64, 71, 0

 39, 48, 0

 11, 28, 0

 0, 0, 0

 226, 226, 133

 226, 226, 133

 226, 226, 110


 226, 226, 156

 226, 226, 88


 226, 226, 178

 226, 226, 65

 226, 226, 201

 226, 226, 43

 226, 226, 223

 226, 226, 20

 226, 226, 246

 226, 226, 0

 226, 226, 255

Harmonies

Analogous

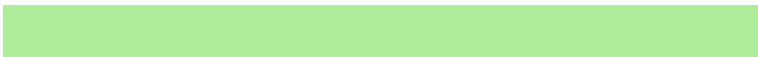
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 211, 134



226, 226, 133



175, 237, 157

Triad

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



226, 226, 133



6, 241, 255



255, 188, 244

Complementary

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



226, 226, 133



133, 133, 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.



255, 200, 255



226, 226, 133



116, 232, 255

Square

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



226, 226, 133



39, 245, 245



195, 217, 255



255, 186, 198

Rectangle

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



226, 226, 133



137, 242, 183



195, 217, 255



255, 191, 255

Sweetspot

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



226, 226, 133



255, 255, 224



226, 133, 133



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



226, 226, 133



255, 255, 130



180, 226, 133



112, 112, 101



176, 176, 0



48, 48, 0

Inverse Universe

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



133, 133, 226



130, 130, 255



180, 133, 226



101, 101, 112



0, 0, 176



0, 0, 48

Previews

White Background



This preview shows how the RGB color 226, 226, 133 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, 226, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

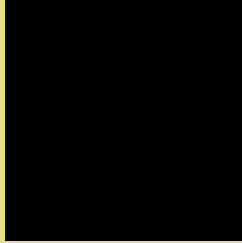
Any Text WCAG AA ✓ Pass

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, 226, 133 Background



This preview shows how black text looks on a background with the RGB color 226, 226, 133.

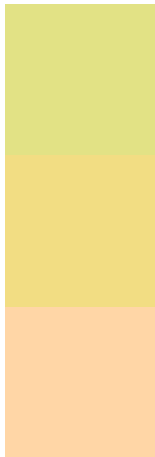


This preview shows how white text looks on a background with the RGB color 226, 226, 133.

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, 226, 133

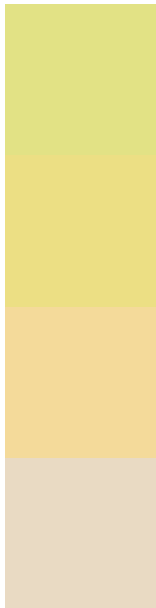
Protanopia
242, 221, 131

Deuteranopia
255, 214, 166



Tritanopia
237, 214, 231

Trichromacy



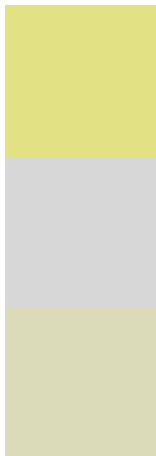
Original Color
226, 226, 133

Protanomaly
236, 223, 132

Deuteranomaly
244, 218, 154

Tritanomaly
233, 218, 195

Monochromacy



Original Color
226, 226, 133

Achromatopsia
215, 215, 215

Achromatomaly
219, 219, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 226, 133 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, 226, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 133)  
}
```

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, 226, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 133) }
```

Border

The CSS property to change the border of an element to RGB 226, 226, 133 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, 226, 133) }
```

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

```
.border{ border-color:rgb(226, 226, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 133); box-shadow:4px 4px 4px 4px rgb(226, 226, 133) }
```

Background

The CSS property to change the background color of an element to RGB 226, 226, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 133) }
```

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

```
.background{ background-color: rgb(226,  
226, 133) }
```

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