

Converting Colors

RGB(226, 226, 126)

Have a look what the booklet for
RGB(226, 226, 126) contains.

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Color

RGB(226, 226, 126)

Conversions

Conversions Part 1

Format	Color
Hex	E2E27E
RGB	226, 226, 126
RGB Percent	89%, 89%, 49%
CMY	0.1137, 0.1137, 0.5059
CMYK	0.00, 0.00, 0.44, 0.11
HSL	60°, 63%, 69%
HSV	60°, 44%, 89%
XYZ	62.3263, 72.0678, 30.3642
YIQ	214.6000, 32.1000, -31.1000

Conversions

Conversions Part 2

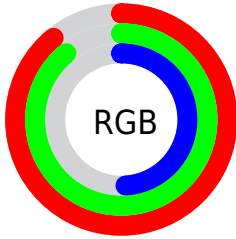
Format	Color
RYB	126, 226, 126
Decimal	14869118
CIELab	88.00, -13.89, 48.65
CIELCh	88, 50.590, 105.936
Yxy	72.0678, 0.3783, 0.4374
Android (android.graphics.Color)	4293059198 (0xFFE2E27E)
YUV	214.6000, -43.6798, 9.9978
Hunter-Lab	84.8928, -17.5118, 38.2183

Details

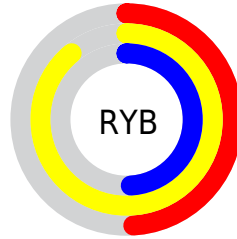
The RGB color **226, 226, 126** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **126, 126, 226**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 180**, and **169, 171, 74** is the 20% darker color. If you saturate the color by 10%, you get **226, 226, 103**, and if you desaturate by 10%, it is **226, 226, 149**.

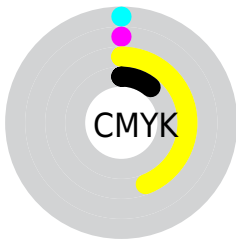
Distribution



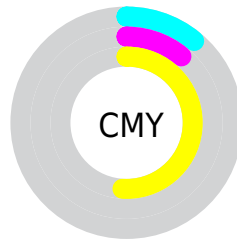
- Red (89%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 226, 226, 126 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, 126 by changing the saturation by 10% instead.

 226, 226, 126

 226, 226, 126


255, 255, 255

 197, 198, 100


 255, 255, 180

 169, 171, 74

 255, 255, 209

 141, 144, 48

 255, 255, 237

 114, 119, 20

 88, 94, 0

 63, 71, 0

 37, 48, 0

 9, 28, 0


 0, 0, 0

 226, 226, 126


 226, 226, 126

 226, 226, 103


 226, 226, 149

 226, 226, 81


 226, 226, 171

 226, 226, 58


 226, 226, 194

 226, 226, 36

 226, 226, 216

 226, 226, 13

 226, 226, 239

 226, 226, 0

 226, 226, 255

Harmonies

Analogous

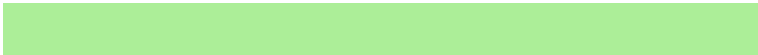
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 210, 127



226, 226, 126



172, 238, 152

Triad

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



226, 226, 126



0, 242, 255



255, 185, 245

Complementary

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



226, 226, 126



126, 126, 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, 199, 255



226, 226, 126



99, 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, 126



0, 246, 246



191, 217, 255



255, 183, 197

Rectangle

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



226, 226, 126



130, 243, 180



191, 217, 255



255, 189, 255

Sweetspot

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



226, 226, 126



255, 255, 222



226, 126, 126



128, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



226, 226, 126



255, 255, 120



176, 226, 126



112, 112, 101



176, 176, 0



48, 48, 0

Inverse Universe

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



126, 126, 226



120, 120, 255



176, 126, 226



101, 101, 112



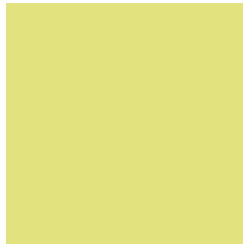
0, 0, 176



0, 0, 48

Previews

White Background



This preview shows how the RGB color 226, 226, 126 looks on a white background.

Color Contrast Check

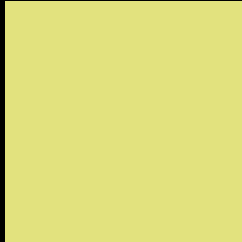
Large Text (above 18pt) WCAG AA × Fail

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, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

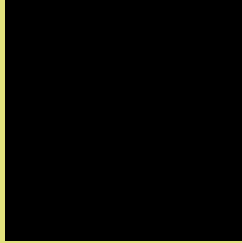
Any Text WCAG AA ✓ Pass

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, 126 Background



This preview shows how black text looks on a background with the RGB color 226, 226, 126.

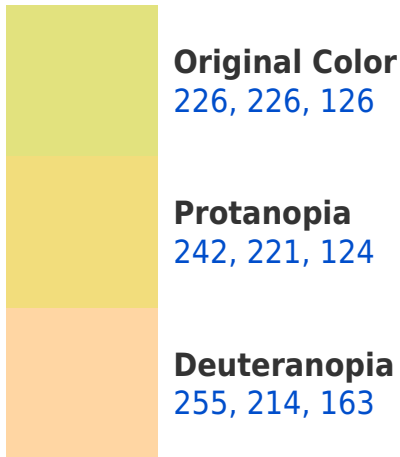


This preview shows how white text looks on a background with the RGB color 226, 226, 126.

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](#).

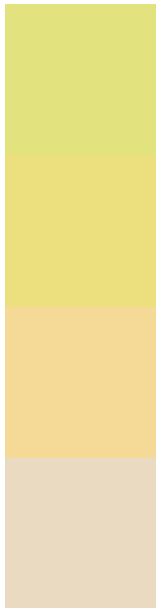
Dichromacy





Tritanopia
237, 214, 231

Trichromacy



Original Color
226, 226, 126

Protanomaly
236, 223, 125

Deuteranomaly
244, 218, 150

Tritanomaly
233, 218, 193

Monochromacy



Original Color
226, 226, 126

Achromatopsia
215, 215, 215

Achromatomaly
219, 219, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 226, 126 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 126) }
```

Border

The CSS property to change the border of an element to RGB 226, 226, 126 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, 126) }
```

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

```
.border{ border-color:rgb(226, 226, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 126); box-shadow:4px 4px 4px 4px rgb(226, 226, 126) }
```

Background

The CSS property to change the background color of an element to RGB 226, 226, 126 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, 126) }
```

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

```
.background{ background-color: rgb(226,  
226, 126) }
```

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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