

Converting Colors

RGB(226, 226, 124)

Have a look what the booklet for
RGB(226, 226, 124) contains.

RGB(226, 226, 124)	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, 124)

Conversions

Conversions Part 1

Format	Color
Hex	E2E27C
RGB	226, 226, 124
RGB Percent	89%, 89%, 49%
CMY	0.1137, 0.1137, 0.5137
CMYK	0.00, 0.00, 0.45, 0.11
HSL	60°, 64%, 69%
HSV	60°, 45%, 89%
XYZ	62.1985, 72.0167, 29.6912
YIQ	214.3720, 32.7420, -31.7220

Conversions

Conversions Part 2

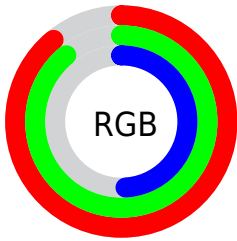
Format	Color
RYB	124, 226, 124
Decimal	14869116
CIELab	87.98, -14.08, 49.58
CIELCh	88, 51.537, 105.856
Yxy	72.0167, 0.3795, 0.4394
Android (android.graphics.Color)	4293059196 (0xFFE2E27C)
YUV	214.3720, -44.5534, 10.1978
Hunter-Lab	84.8627, -17.6814, 38.6599

Details

The RGB color **226, 226, 124** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **124, 124, 226**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 178**, and **169, 171, 72** is the 20% darker color. If you saturate the color by 10%, you get **226, 226, 101**, and if you desaturate by 10%, it is **226, 226, 147**.

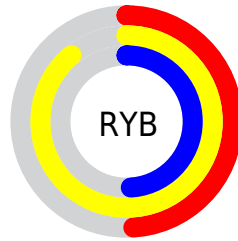
Distribution



Red (89%)

Green (89%)

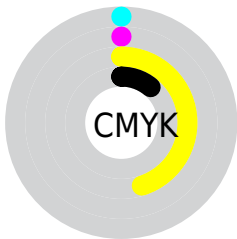
Blue (49%)



Red (49%)

Yellow (89%)

Blue (49%)

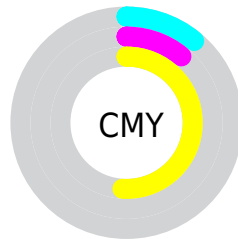


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 226, 124 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, 124 by changing the saturation by 10% instead.

 226, 226, 124

 226, 226, 124


255, 255, 255

 197, 198, 98

 255, 255, 178

 169, 171, 72

 255, 255, 206

 141, 144, 46

 255, 255, 235

 114, 119, 17

 88, 94, 0

 63, 71, 0

 37, 48, 0

 8, 28, 0

 0, 0, 0

 226, 226, 124


 226, 226, 124

 226, 226, 101

 226, 226, 147

 226, 226, 79

 226, 226, 169

 226, 226, 56

 226, 226, 192

 226, 226, 34

 226, 226, 214

 226, 226, 11

 226, 226, 237

 226, 226, 0

 226, 226, 255

Harmonies

Analogous

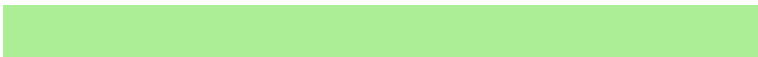
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 210, 125



226, 226, 124



171, 238, 150

Triad

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



226, 226, 124



0, 242, 255



255, 184, 246

Complementary

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



226, 226, 124



124, 124, 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, 198, 255



226, 226, 124



94, 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, 124



0, 246, 246



190, 217, 255



255, 182, 196

Rectangle

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



226, 226, 124



128, 243, 179



190, 217, 255



255, 188, 255

Sweetspot

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



226, 226, 124



255, 255, 219



226, 124, 124



128, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



226, 226, 124



255, 255, 117



175, 226, 124



112, 112, 101



176, 176, 0



48, 48, 0

Inverse Universe

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



124, 124, 226



117, 117, 255



175, 124, 226



101, 101, 112



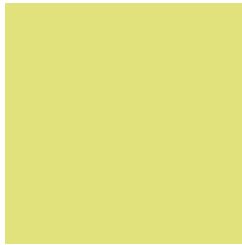
0, 0, 176



0, 0, 48

Previews

White Background



This preview shows how the RGB color 226, 226, 124 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, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

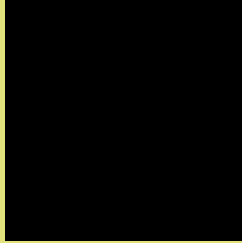
Any Text WCAG AA ✓ Pass

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, 124 Background



This preview shows how black text looks on a background with the RGB color 226, 226, 124.

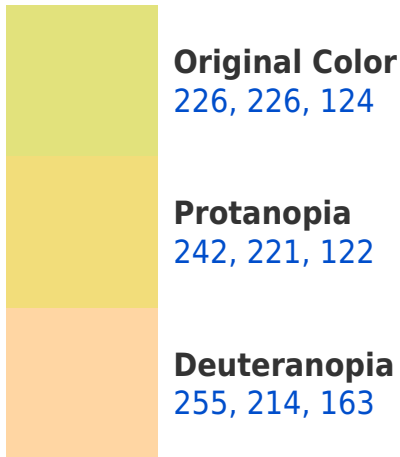


This preview shows how white text looks on a background with the RGB color 226, 226, 124.

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](#).

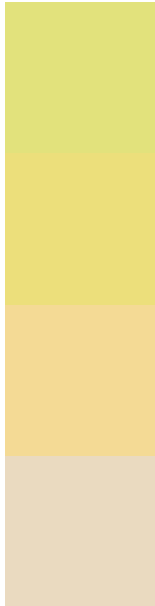
Dichromacy





Tritanopia
238, 214, 231

Trichromacy



Original Color
226, 226, 124

Protanomaly
236, 223, 123

Deuteranomaly
244, 218, 149

Tritanomaly
234, 218, 192

Monochromacy



Original Color
226, 226, 124

Achromatopsia
214, 214, 214

Achromatomaly
218, 218, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 226, 124 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 124) }
```

Border

The CSS property to change the border of an element to RGB 226, 226, 124 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, 124) }
```

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

```
.border{ border-color:rgb(226, 226, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 124);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 226, 226, 124 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, 124) }
```

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

```
.background{ background-color: rgb(226,  
226, 124) }
```

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