

# Converting Colors

RGB(229, 237, 146)

Have a look what the booklet for  
RGB(229, 237, 146) contains.

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# **Color**

**RGB(229, 237, 146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5ED92
RGB	229, 237, 146
RGB Percent	90%, 93%, 57%
CMY	0.1020, 0.0706, 0.4275
CMYK	0.03, 0.00, 0.38, 0.07
HSL	65°, 72%, 75%
HSV	65°, 38%, 93%
XYZ	67.7856, 79.3017, 38.9282
YIQ	224.2340, 24.4430, -29.9970

# Conversions

## Conversions Part 2

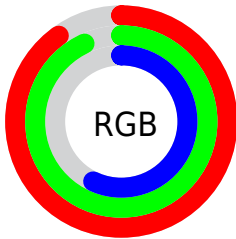
Format	Color
<a href="#">RYB</a>	<a href="#">146, 237, 154</a>
Decimal	<a href="#">15068562</a>
CIELab	<a href="#">91.37, -16.08, 43.17</a>
CIELCh	<a href="#">91, 46.072, 110.432</a>
Yxy	<a href="#">79.3017, 0.3644, 0.4263</a>
Android (android.graphics.Color)	<a href="#">4293258642</a> ( <a href="#">0xFFE5ED92</a> )
YUV	<a href="#">224.2340, -38.5694, 4.1798</a>
Hunter-Lab	<a href="#">89.0515, -19.9668, 36.4179</a>

# Details

The RGB color **229, 237, 146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **154, 146, 237**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 201**, and **172, 181, 94** is the 20% darker color. If you saturate the color by 10%, you get **227, 237, 122**, and if you desaturate by 10%, it is **231, 237, 170**.

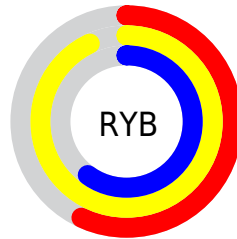
# Distribution



Red (90%)

Green (93%)

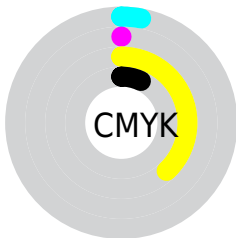
Blue (57%)



Red (57%)

Yellow (93%)

Blue (60%)

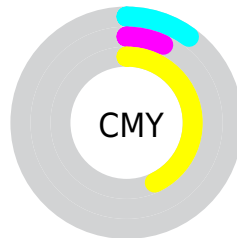


Cyan (3%)

Magenta (0%)

Yellow (38%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 229, 237, 146 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 229, 237, 146 by changing the saturation by 10% instead.



 229, 237, 146

255, 255, 255


 255, 255, 201


 255, 255, 229

 229, 237, 146

 200, 209, 120

 172, 181, 94

 145, 154, 69

 118, 128, 44

 92, 103, 17

 67, 79, 0

 43, 57, 0


 18, 35, 0


 0, 9, 0

 229, 237, 146


 229, 237, 146

 227, 237, 122


 231, 237, 170

 225, 237, 99

 233, 237, 193

 223, 237, 75


 235, 237, 217

 221, 237, 51


 237, 237, 241

 219, 237, 27

 239, 237, 255

 216, 237, 4

 242, 237, 255

 216, 237, 0

 244, 237, 255

 246, 237, 255

 248, 237, 255

# Harmonies

## Analogous

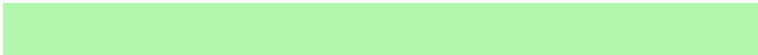
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 223, 143



229, 237, 146



178, 247, 172

# Triad

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



229, 237, 146



69, 249, 255



255, 197, 246

# Complementary

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



229, 237, 146



154, 146, 237

# 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, 208, 255



229, 237, 146



143, 239, 255

# Square

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



229, 237, 146



63, 254, 255



215, 224, 255



255, 197, 202

# Rectangle

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



229, 237, 146



141, 252, 199



215, 224, 255



255, 200, 255



# Sweetspot

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



229, 237, 146



252, 255, 224



237, 154, 146



126, 128, 110



0, 0, 0



128, 128, 128



# Same Dimension

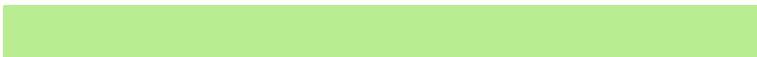
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 237, 146



245, 255, 138



184, 237, 146



116, 117, 106



165, 181, 0



49, 54, 0



# Inverse Universe

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



154, 146, 237



148, 138, 255



199, 146, 237



107, 106, 117



16, 0, 181



5, 0, 54



# Previews

## White Background



This preview shows how the RGB color 229, 237, 146 looks on a white background.

## Color Contrast Check

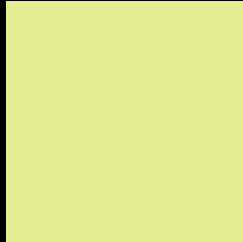
Large Text (above 18pt) WCAG AA × Fail

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 229, 237, 146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

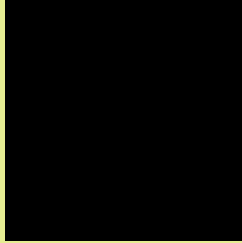
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 229, 237, 146 Background



This preview shows how black text looks on a background with the RGB color 229, 237, 146.


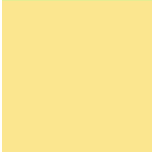
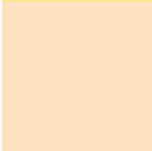


This preview shows how white text looks on a background with the RGB color 229, 237, 146.

# 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

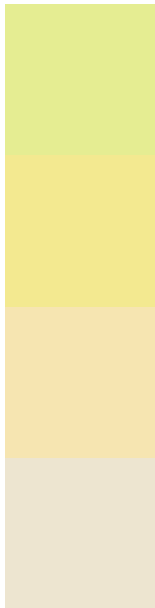
	<b>Original Color</b> 229, 237, 146
	<b>Protanopia</b> 251, 230, 143
	<b>Deuteranopia</b> 255, 225, 194



# Tritanopia

241, 225, 243

# Trichromacy



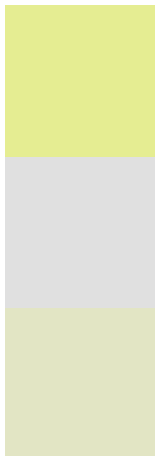
**Original Color**  
229, 237, 146

**Protanomaly**  
243, 233, 144

**Deuteranomaly**  
246, 229, 177

**Tritanomaly**  
237, 229, 208

# Monochromacy



**Original Color**  
229, 237, 146

**Achromatopsia**  
224, 224, 224

**Achromatomaly**  
226, 229, 196

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 229, 237, 146 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(229, 237, 146)` looks like.

```
.text, #text, p{  
    color:rgb(229, 237, 146)  
}
```

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(229, 237, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 237, 146) }
```

## Border

The CSS property to change the border of an element to RGB 229, 237, 146 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(229, 237, 146) }
```

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

```
.border{ border-color:rgb(229, 237, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 237, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 237, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 237, 146); box-shadow:4px 4px 4px 4px rgb(229, 237, 146) }
```

# Background

The CSS property to change the background color of an element to RGB 229, 237, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 237, 146) }
```

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

```
.background{ background-color: rgb(229,  
237, 146) }
```

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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