

Converting Colors

RGB(225, 234, 136)

Have a look what the booklet for
RGB(225, 234, 136) contains.

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Color

RGB(225, 234, 136)

Conversions

Conversions Part 1

Format	Color
Hex	E1EA88
RGB	225, 234, 136
RGB Percent	88%, 92%, 53%
CMY	0.1176, 0.0824, 0.4667
CMYK	0.04, 0.00, 0.42, 0.08
HSL	66°, 70%, 73%
HSV	66°, 42%, 92%
XYZ	64.9181, 76.6308, 34.6622
YIQ	220.1370, 26.0940, -32.3860

Conversions

Conversions Part 2

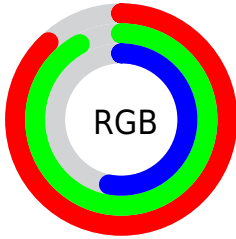
Format	Color
RYB	136, 234, 145
Decimal	14805640
CIELab	90.15, -17.22, 46.46
CIELCh	90, 49.546, 110.336
Yxy	76.6308, 0.3684, 0.4349
Android (android.graphics.Color)	4292995720 (0xFFE1EA88)
YUV	220.1370, -41.4795, 4.2649
Hunter-Lab	87.5390, -20.8193, 37.8006

Details

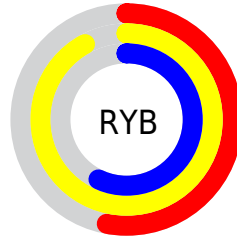
The RGB color **225, 234, 136** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **145, 136, 234**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 191**, and **168, 178, 84** is the 20% darker color. If you saturate the color by 10%, you get **223, 234, 113**, and if you desaturate by 10%, it is **227, 234, 159**.

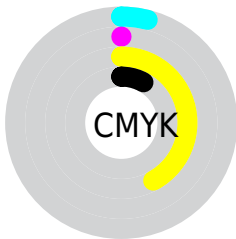
Distribution



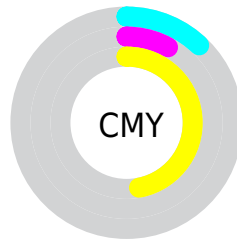
- Red (88%)
- Green (92%)
- Blue (53%)



- Red (53%)
- Yellow (92%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 234, 136 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 225, 234, 136 by changing the saturation by 10% instead.


 225, 234, 136

 225, 234, 136


255, 255, 255

 196, 206, 110


 255, 255, 191

 168, 178, 84

 255, 255, 219

 141, 152, 58


 255, 255, 248

 114, 126, 32

 88, 101, 0

 63, 77, 0

 38, 54, 0

 11, 33, 0

 0, 1, 0

225, 234, 136

225, 234, 136

223, 234, 113

227, 234, 159

221, 234, 89

229, 234, 183

219, 234, 66

231, 234, 206

216, 234, 42

234, 234, 230

214, 234, 19

236, 234, 253

213, 234, 0

238, 234, 255

240, 234, 255

242, 234, 255

244, 234, 255

Harmonies

Analogous

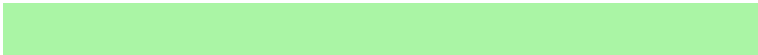
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 219, 133



225, 234, 136



170, 245, 165

Triad

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



225, 234, 136



0, 247, 255



255, 191, 244

Complementary

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



225, 234, 136



145, 136, 234

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, 203, 255



225, 234, 136



126, 236, 255

Square

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



225, 234, 136



0, 252, 255



209, 220, 255



255, 191, 196

Rectangle

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



225, 234, 136



129, 250, 193



209, 220, 255



255, 194, 255

Sweetspot

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



225, 234, 136



252, 255, 222



234, 144, 136



126, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



225, 234, 136



243, 255, 128



177, 234, 136



116, 117, 106



164, 181, 0



49, 54, 0

Inverse Universe

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



145, 136, 234



139, 128, 255



193, 136, 234



107, 106, 117



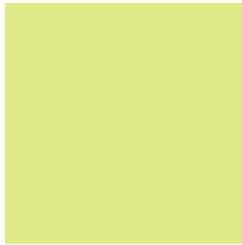
17, 0, 181



5, 0, 54

Previews

White Background



This preview shows how the RGB color 225, 234, 136 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 225, 234, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

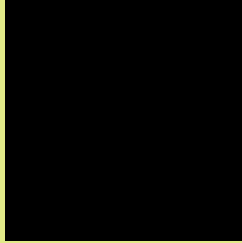
Any Text WCAG AA ✓ Pass

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 225, 234, 136 Background



This preview shows how black text looks on a background with the RGB color 225, 234, 136.

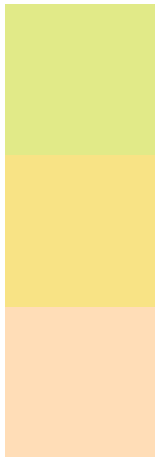


This preview shows how white text looks on a background with the RGB color 225, 234, 136.

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
225, 234, 136

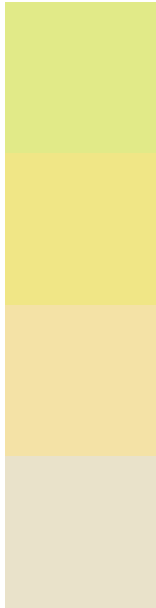
Protanopia
248, 227, 133

Deuteranopia
255, 221, 183



Tritanopia
237, 222, 239

Trichromacy



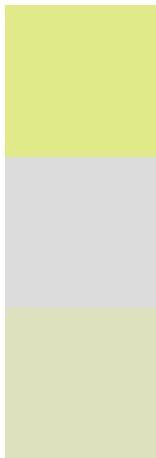
Original Color
225, 234, 136

Protanomaly
240, 230, 134

Deuteranomaly
244, 226, 166

Tritanomaly
233, 226, 202

Monochromacy



Original Color
225, 234, 136

Achromatopsia
220, 220, 220

Achromatomaly
222, 225, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 234, 136 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(225, 234, 136)` looks like.

```
.text, #text, p{  
    color:rgb(225, 234, 136)  
}
```

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(225, 234, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 234, 136) }
```

Border

The CSS property to change the border of an element to RGB 225, 234, 136 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(225, 234, 136) }
```

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

```
.border{ border-color:rgb(225, 234, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 234, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 234, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 234, 136); box-shadow:4px 4px 4px 4px rgb(225, 234, 136) }
```

Background

The CSS property to change the background color of an element to RGB 225, 234, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 234, 136) }
```

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

```
.background{ background-color: rgb(225,  
234, 136) }
```

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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