

Converting Colors

RGB(230, 246, 139)

Have a look what the booklet for
RGB(230, 246, 139) contains.

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Color

RGB(230, 246, 139)

Conversions

Conversions Part 1

Format	Color
Hex	E6F68B
RGB	230, 246, 139
RGB Percent	90%, 96%, 55%
CMY	0.0980, 0.0353, 0.4549
CMYK	0.07, 0.00, 0.43, 0.04
HSL	69°, 86%, 75%
HSV	69°, 43%, 96%
XYZ	70.2491, 84.5986, 37.0527
YIQ	229.0180, 24.8110, -36.6690

Conversions

Conversions Part 2

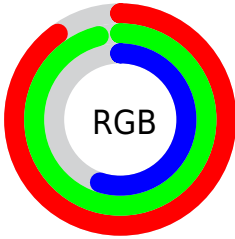
Format	Color
R_{YB}	139, 246, 155
Decimal	15136395
CIE _{Lab}	93.71, -20.82, 49.52
CIE _{LCh}	94, 53.722, 112.801
Yxy	84.5986, 0.3661, 0.4408
Android (android.graphics.Color)	4293326475 (0xFFE6F68B)
YUV	229.0180, -44.3789, 0.8612
Hunter-Lab	91.9775, -24.6288, 40.4995

Details

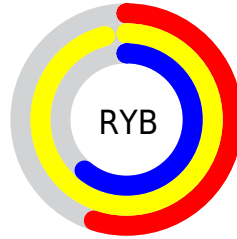
The RGB color **230, 246, 139** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **155, 139, 246**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 194**, and **173, 190, 86** is the 20% darker color. If you saturate the color by 10%, you get **226, 246, 114**, and if you desaturate by 10%, it is **234, 246, 164**.

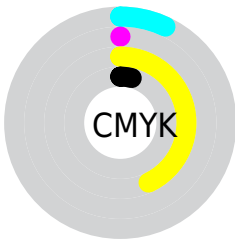
Distribution



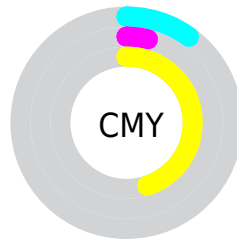
- Red (90%)
- Green (96%)
- Blue (55%)



- Red (55%)
- Yellow (96%)
- Blue (61%)



- Cyan (7%)
- Magenta (0%)
- Yellow (43%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 246, 139 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 230, 246, 139 by changing the saturation by 10% instead.


 230, 246, 139

 230, 246, 139


255, 255, 255

 201, 218, 112


 255, 255, 194

 173, 190, 86

 255, 255, 223

 145, 163, 60

 255, 255, 252

 118, 136, 34

 92, 111, 0

 66, 87, 0

 41, 63, 0

 14, 41, 0

 0, 21, 0

230, 246, 139

230, 246, 139

226, 246, 114

234, 246, 164

223, 246, 90

237, 246, 188

219, 246, 65

241, 246, 213

215, 246, 41

245, 246, 237

212, 246, 16

248, 246, 255

209, 246, 0

252, 246, 255

255, 246, 255

Harmonies

Analogous

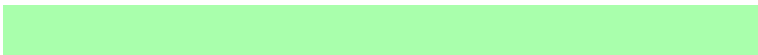
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 230, 133



230, 246, 139



169, 255, 172

Triad

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



230, 246, 139



0, 255, 255



255, 197, 252

Complementary

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



230, 246, 139



155, 139, 246

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, 209, 255



230, 246, 139



131, 246, 255

Square

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



230, 246, 139



0, 255, 255



224, 228, 255



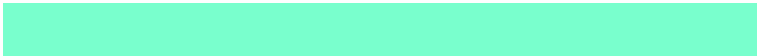
255, 198, 199

Rectangle

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



230, 246, 139



121, 255, 205



224, 228, 255



255, 199, 255

Sweetspot

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



230, 246, 139



250, 255, 222



246, 153, 139



124, 128, 107



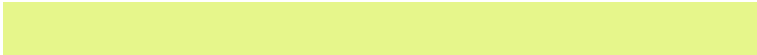
0, 0, 0



128, 128, 128

Same Dimension

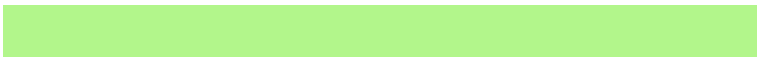
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 246, 139



235, 255, 122



178, 246, 139



121, 122, 110



158, 186, 0



50, 59, 0

Inverse Universe

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



155, 139, 246



142, 122, 255



207, 139, 246



112, 110, 122



28, 0, 186



9, 0, 59

Previews

White Background



This preview shows how the RGB color 230, 246, 139 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 230, 246, 139 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 230, 246, 139 Background



This preview shows how black text looks on a background with the RGB color 230, 246, 139.


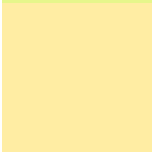


This preview shows how white text looks on a background with the RGB color 230, 246, 139.

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 230, 246, 139
	Protanopia 255, 237, 163
	Deuteranopia 255, 233, 211



Tritanopia
243, 233, 251

Trichromacy



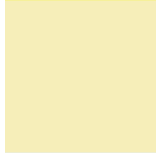
Original Color

230, 246, 139



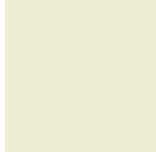
Protanomaly

246, 240, 154



Deuteranomaly

246, 238, 185



Tritanomaly

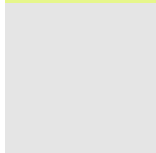
238, 238, 210

Monochromacy



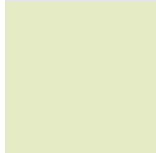
Original Color

230, 246, 139



Achromatopsia

229, 229, 229



Achromatomaly

229, 235, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 246, 139 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(230, 246, 139)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 139)  
}
```

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(230, 246, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 139) }
```

Border

The CSS property to change the border of an element to RGB 230, 246, 139 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(230, 246, 139) }
```

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

```
.border{ border-color:rgb(230, 246, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 246, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 139);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 230, 246, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 139) }
```

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

```
.background{ background-color: rgb(230,  
246, 139) }
```

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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