

Converting Colors

RGB(231, 245, 149)

Have a look what the booklet for
RGB(231, 245, 149) contains.

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Color

RGB(231, 245, 149)

Conversions

Conversions Part 1

Format	Color
Hex	E7F595
RGB	231, 245, 149
RGB Percent	91%, 96%, 58%
CMY	0.0941, 0.0392, 0.4157
CMYK	0.06, 0.00, 0.39, 0.04
HSL	69°, 83%, 77%
HSV	69°, 39%, 96%
XYZ	71.0322, 84.4637, 40.9931
YIQ	229.8700, 22.4720, -32.8240

Conversions

Conversions Part 2

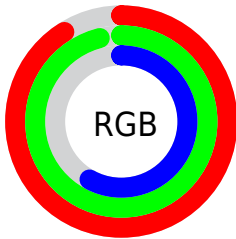
Format	Color
RYB	149, 245, 163
Decimal	15201685
CIELab	93.65, -18.89, 44.64
CIELCh	94, 48.473, 112.941
Yxy	84.4637, 0.3615, 0.4299
Android (android.graphics.Color)	4293391765 (0xFFE7F595)
YUV	229.8700, -39.8689, 0.9910
Hunter-Lab	91.9041, -22.8705, 37.8871

Details

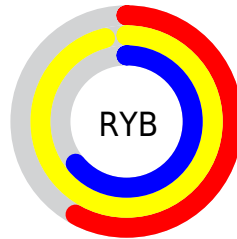
The RGB color **231, 245, 149** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **163, 149, 245**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 204**, and **174, 189, 96** is the 20% darker color. If you saturate the color by 10%, you get **227, 245, 125**, and if you desaturate by 10%, it is **235, 245, 174**.

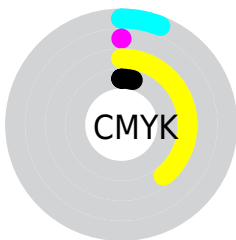
Distribution



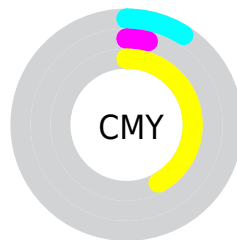
- Red (91%)
- Green (96%)
- Blue (58%)



- Red (58%)
- Yellow (96%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 245, 149 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 231, 245, 149 by changing the saturation by 10% instead.

 231, 245, 149

 231, 245, 149

255, 255, 255


 202, 217, 122

 255, 255, 204

 174, 189, 96

 255, 255, 233

 147, 162, 71

 120, 136, 46

 94, 110, 19

 68, 86, 0

 44, 63, 0

 18, 41, 0

 0, 21, 0

 231, 245, 149


 231, 245, 149

 227, 245, 125

 235, 245, 174

 224, 245, 100


 238, 245, 198

 220, 245, 76

 242, 245, 223

 217, 245, 51

 245, 245, 247

 213, 245, 26

 249, 245, 255

 210, 245, 2

 252, 245, 255

 209, 245, 0

 255, 245, 255

Harmonies

Analogous

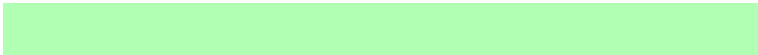
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 230, 144



231, 245, 149



177, 255, 179

Triad

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



231, 245, 149



62, 255, 255



255, 201, 250

Complementary

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



231, 245, 149



163, 149, 245

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, 212, 255



231, 245, 149



149, 245, 255

Square

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



231, 245, 149



42, 255, 255



226, 229, 255



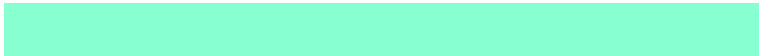
255, 202, 203

Rectangle

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



231, 245, 149



136, 255, 208



226, 229, 255



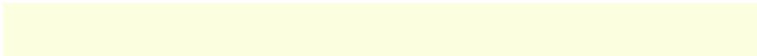
255, 204, 255

Sweetspot

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



231, 245, 149



251, 255, 224



245, 162, 149



125, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



231, 245, 149



238, 255, 135



184, 245, 149



121, 122, 110



159, 186, 0



50, 59, 0

Inverse Universe

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



163, 149, 245



153, 135, 255



210, 149, 245



112, 110, 122



27, 0, 186



9, 0, 59

Previews

White Background



This preview shows how the RGB color 231, 245, 149 looks on a white background.

Color Contrast Check

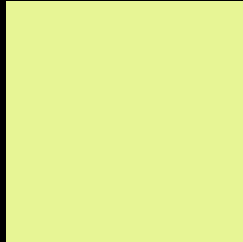
Large Text (above 18pt) WCAG AA × Fail

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 231, 245, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

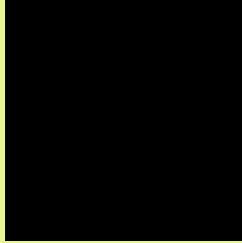
Any Text WCAG AA ✓ Pass

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 231, 245, 149 Background



This preview shows how black text looks on a background with the RGB color 231, 245, 149.

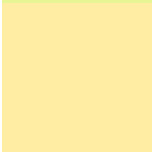
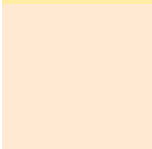


This preview shows how white text looks on a background with the RGB color 231, 245, 149.

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

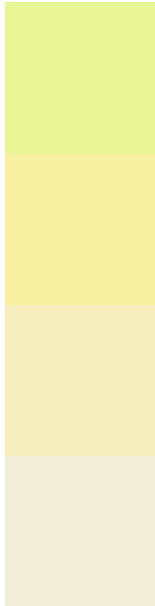
	Original Color 231, 245, 149
	Protanopia 255, 237, 164
	Deuteranopia 255, 233, 211



Tritanopia

243, 233, 251

Trichromacy



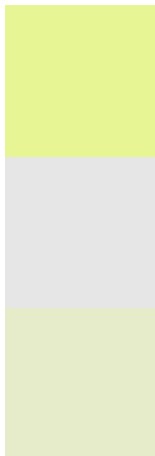
Original Color
231, 245, 149

Protanomaly
246, 240, 159

Deuteranomaly
246, 237, 188

Tritanomaly
239, 237, 214

Monochromacy



Original Color
231, 245, 149

Achromatopsia
230, 230, 230

Achromatomaly
230, 235, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 245, 149 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(231, 245, 149)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 149)  
}
```

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(231, 245, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 149) }
```

Border

The CSS property to change the border of an element to RGB 231, 245, 149 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(231, 245, 149) }
```

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

```
.border{ border-color:rgb(231, 245, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 245, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 149);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 231, 245, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 149) }
```

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

```
.background{ background-color: rgb(231,  
245, 149) }
```

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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