

Converting Colors

RGB(225, 252, 146)

Have a look what the booklet for
RGB(225, 252, 146) contains.

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Color

RGB(225, 252, 146)

Conversions

Conversions Part 1

Format	Color
Hex	E1FC92
RGB	225, 252, 146
RGB Percent	88%, 99%, 57%
CMY	0.1176, 0.0118, 0.4275
CMYK	0.11, 0.00, 0.42, 0.01
HSL	75°, 95%, 78%
HSV	75°, 42%, 99%
XYZ	71.0500, 87.7037, 40.3779
YIQ	231.8430, 17.9340, -38.6900

Conversions

Conversions Part 2

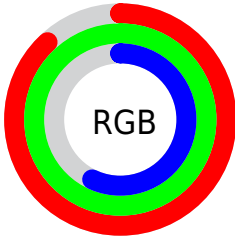
Format	Color
RYB	146, 252, 173
Decimal	14810258
CIELab	95.04, -24.82, 47.75
CIELCh	95, 53.819, 117.467
Yxy	87.7037, 0.3568, 0.4404
Android (android.graphics.Color)	4293000338 (0xFFE1FC92)
YUV	231.8430, -42.3206, -6.0013
Hunter-Lab	93.6502, -28.4645, 39.9919

Details

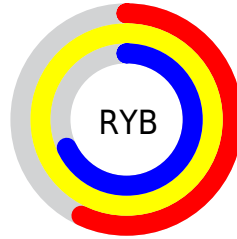
The RGB color **225, 252, 146** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **173, 146, 252**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 201**, and **168, 195, 93** is the 20% darker color. If you saturate the color by 10%, you get **219, 252, 121**, and if you desaturate by 10%, it is **231, 252, 171**.

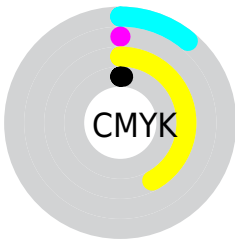
Distribution



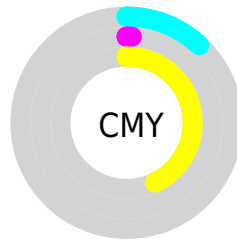
- Red (88%)
- Green (99%)
- Blue (57%)



- Red (57%)
- Yellow (99%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 252, 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 225, 252, 146 by changing the saturation by 10% instead.

 225, 252, 146

 225, 252, 146


255, 255, 255

 196, 223, 119

 255, 255, 201

 168, 195, 93

 255, 255, 230

 141, 168, 67

 114, 142, 41

 88, 116, 11

 62, 91, 0

 37, 68, 0

 8, 45, 0

 0, 26, 0

■ 225, 252, 146

■ 225, 252, 146

■ 219, 252, 121

■ 231, 252, 171

■ 212, 252, 96

■ 238, 252, 196

■ 206, 252, 70

■ 244, 252, 222

■ 199, 252, 45

■ 251, 252, 247

■ 193, 252, 20

■ 255, 252, 255

■ 188, 252, 0

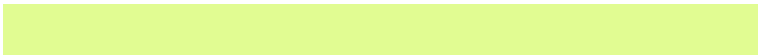
Harmonies

Analogous

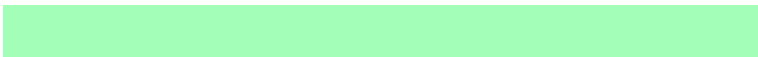
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 135



225, 252, 146



163, 255, 183

Triad

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



225, 252, 146



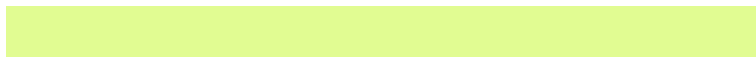
0, 255, 255



255, 200, 247

Complementary

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



225, 252, 146



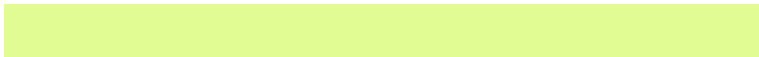
173, 146, 252

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, 210, 255



225, 252, 146



152, 247, 255

Square

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



225, 252, 146



0, 255, 255



239, 229, 255



255, 203, 195

Rectangle

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



225, 252, 146



112, 255, 216



239, 229, 255



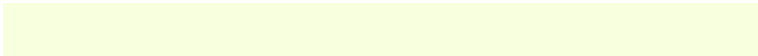
255, 202, 255

Sweetspot

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



225, 252, 146



247, 255, 222



252, 173, 146



122, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

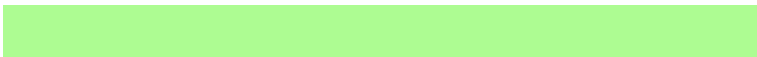
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 252, 146



223, 255, 128



173, 252, 146



122, 125, 112



141, 189, 0



46, 61, 0

Inverse Universe

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



173, 146, 252



160, 128, 255



226, 146, 252



116, 112, 125



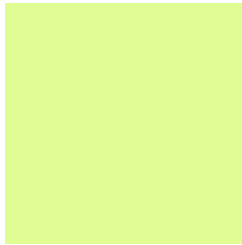
48, 0, 189



16, 0, 61

Previews

White Background



This preview shows how the RGB color 225, 252, 146 looks on a white background.

Color Contrast Check

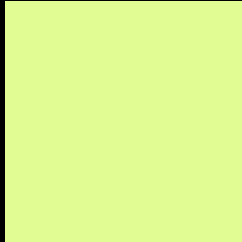
Large Text (above 18pt) WCAG AA × Fail

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 225, 252, 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 225, 252, 146 Background



This preview shows how black text looks on a background with the RGB color 225, 252, 146.

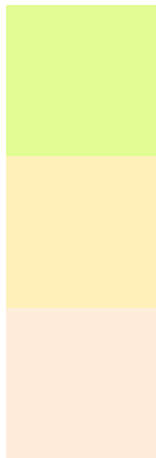


This preview shows how white text looks on a background with the RGB color 225, 252, 146.

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



Original Color
225, 252, 146

Protanopia
255, 240, 186

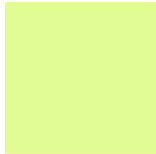
Deuteranopia
255, 237, 220



Tritanopia

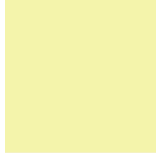
239, 239, 255

Trichromacy



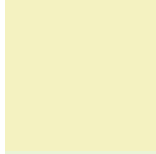
Original Color

225, 252, 146



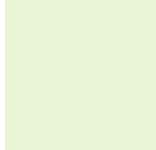
Protanomaly

244, 244, 171



Deuteranomaly

244, 242, 193



Tritanomaly

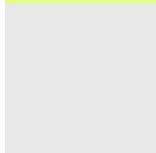
234, 244, 215

Monochromacy



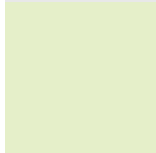
Original Color

225, 252, 146



Achromatopsia

232, 232, 232



Achromatomaly

229, 239, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 252, 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(225, 252, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 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(225, 252, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 146) }
```

Border

The CSS property to change the border of an element to RGB 225, 252, 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(225, 252, 146) }
```

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

```
.border{ border-color:rgb(225, 252, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 252, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 252, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 252, 146); box-shadow:4px 4px 4px 4px rgb(225, 252, 146) }
```

Background

The CSS property to change the background color of an element to RGB 225, 252, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 146) }
```

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

```
.background{ background-color: rgb(225,  
252, 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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