

Converting Colors

RGB(230, 255, 154)

Have a look what the booklet for
RGB(230, 255, 154) contains.

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Color

RGB(230, 255, 154)

Conversions

Conversions Part 1

Format	Color
Hex	E6FF9A
RGB	230, 255, 154
RGB Percent	90%, 100%, 60%
CMY	0.0980, 0.0000, 0.3961
CMYK	0.10, 0.00, 0.40, 0.00
HSL	75°, 100%, 80%
HSV	75°, 40%, 100%
XYZ	74.2259, 90.6761, 44.1620
YIQ	236.0110, 17.5210, -36.7110

Conversions

Conversions Part 2

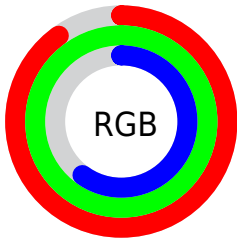
Format	Color
RYB	154, 255, 179
Decimal	15138714
CIELab	96.28, -23.51, 45.54
CIElCh	96, 51.245, 117.305
Yxy	90.6761, 0.3550, 0.4337
Android (android.graphics.Color)	4293328794 (0xFFE6FF9A)
YUV	236.0110, -40.4314, -5.2716
Hunter-Lab	95.2240, -27.5036, 39.1599

Details

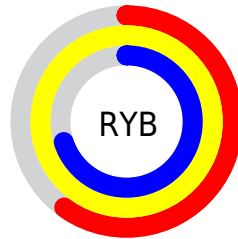
The RGB color **230, 255, 154** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **179, 154, 255**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 210**, and **173, 198, 101** is the 20% darker color. If you saturate the color by 10%, you get **224, 255, 129**, and if you desaturate by 10%, it is **236, 255, 179**.

Distribution



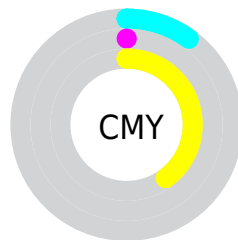
- Red (90%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 255, 154 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, 255, 154 by changing the saturation by 10% instead.

 230, 255, 154

255, 255, 255


 255, 255, 210

 255, 255, 238

 230, 255, 154

 201, 226, 127

 173, 198, 101


 146, 171, 75

 119, 144, 50

 92, 119, 23

 67, 94, 0

 43, 70, 0

 15, 48, 0

 0, 29, 0

■ 230, 255, 154

■ 230, 255, 154

■ 224, 255, 129

■ 236, 255, 179

■ 217, 255, 103

■ 243, 255, 205

■ 211, 255, 78

■ 249, 255, 231

■ 205, 255, 52

255, 255, 255

■ 198, 255, 26

■ 192, 255, 1

■ 192, 255, 0

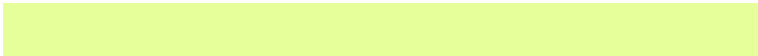
Harmonies

Analogous

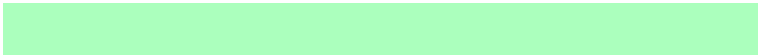
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 144



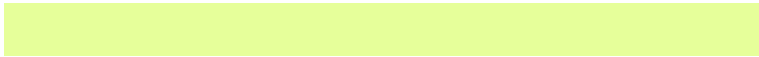
230, 255, 154



171, 255, 189

Triad

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



230, 255, 154



61, 255, 255



255, 206, 251

Complementary

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



230, 255, 154



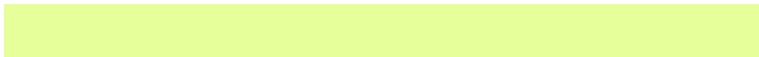
179, 154, 255

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, 216, 255



230, 255, 154



162, 251, 255

Square

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



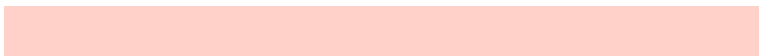
230, 255, 154



0, 255, 255



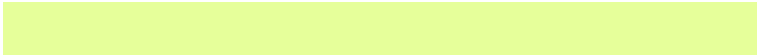
243, 233, 255



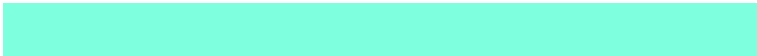
255, 209, 201

Rectangle

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



230, 255, 154



126, 255, 221



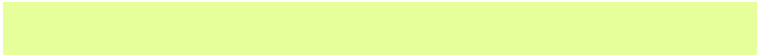
243, 233, 255



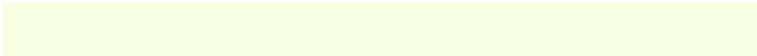
255, 208, 255

Sweetspot

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



230, 255, 154



247, 255, 224



255, 178, 154



123, 128, 110



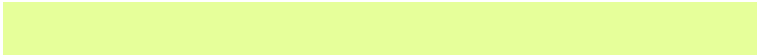
0, 0, 0



128, 128, 128

Same Dimension

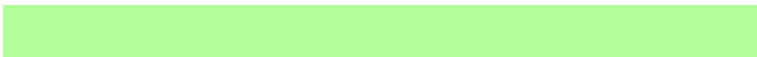
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 255, 154



225, 255, 133



181, 255, 154



124, 128, 115



144, 191, 0



48, 64, 0

Inverse Universe

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



179, 154, 255



163, 133, 255



228, 154, 255



118, 115, 128



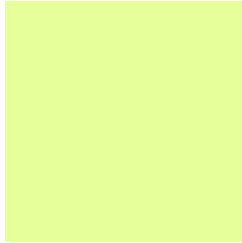
47, 0, 191



16, 0, 64

Previews

White Background



This preview shows how the RGB color 230, 255, 154 looks on a white background.

Color Contrast Check

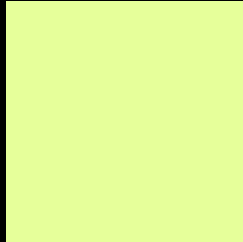
Large Text (above 18pt) WCAG AA × Fail

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, 255, 154 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

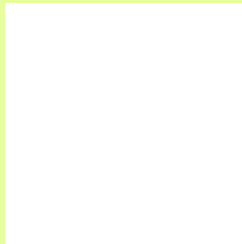
Any Text WCAG AAA ✓ Pass

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

RGB 230, 255, 154 Background



This preview shows how black text looks on a background with the RGB color 230, 255, 154.

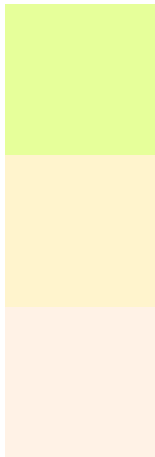


This preview shows how white text looks on a background with the RGB color 230, 255, 154.

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, 255, 154

Protanopia
255, 244, 205

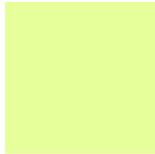
Deuteranopia
255, 242, 230



Tritanopia

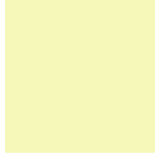
244, 243, 255

Trichromacy



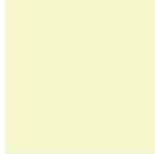
Original Color

230, 255, 154



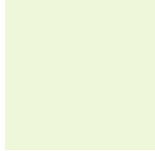
Protanomaly

246, 248, 186



Deuteranomaly

246, 247, 202



Tritanomaly

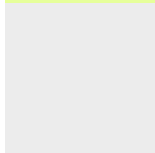
239, 247, 218

Monochromacy



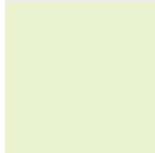
Original Color

230, 255, 154



Achromatopsia

236, 236, 236



Achromatomaly

234, 243, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 255, 154 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, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 154)  
}
```

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, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 154) }
```

Border

The CSS property to change the border of an element to RGB 230, 255, 154 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, 255, 154) }
```

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

```
.border{ border-color:rgb(230, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 230, 255, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 154) }
```

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

```
.background{ background-color: rgb(230,  
255, 154) }
```

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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