

Converting Colors

RGB(211, 234, 147)

Have a look what the booklet for
RGB(211, 234, 147) contains.

RGB(211, 234, 147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(211, 234, 147)

Conversions

Conversions Part 1

Format	Color
Hex	D3EA93
RGB	211, 234, 147
RGB Percent	83%, 92%, 58%
CMY	0.1725, 0.0824, 0.4235
CMYK	0.10, 0.00, 0.37, 0.08
HSL	76°, 67%, 75%
HSV	76°, 37%, 92%
XYZ	61.5532, 74.8011, 38.7976
YIQ	217.2050, 14.2190, -31.9330

Conversions

Conversions Part 2

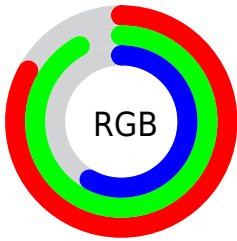
Format	Color
RYB	147, 234, 170
Decimal	13888147
CIELab	89.30, -21.29, 39.76
CIElCh	89, 45.103, 118.167
Yxy	74.8011, 0.3514, 0.4271
Android (android.graphics.Color)	4292078227 (0xFFD3EA93)
YUV	217.2050, -34.6111, -5.4418
Hunter-Lab	86.4876, -24.3149, 33.9444

Details

The RGB color **211, 234, 147** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **170, 147, 234**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 202**, and **155, 178, 95** is the 20% darker color. If you saturate the color by 10%, you get **205, 234, 124**, and if you desaturate by 10%, it is **217, 234, 170**.

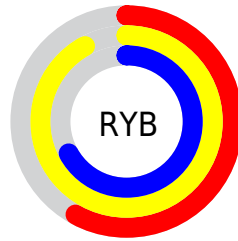
Distribution



Red (83%)

Green (92%)

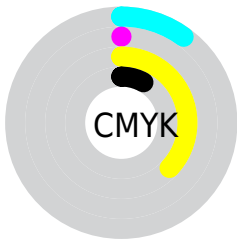
Blue (58%)



Red (58%)

Yellow (92%)

Blue (67%)

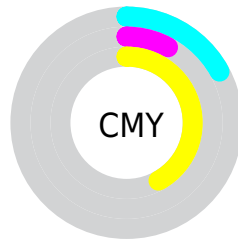


Cyan (10%)

Magenta (0%)

Yellow (37%)

Black (8%)



Cyan (17%)


Magenta (8%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 234, 147 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 211, 234, 147 by changing the saturation by 10% instead.

 211, 234, 147

 211, 234, 147

255, 255, 255

 183, 206, 121


 255, 255, 202

 155, 178, 95

 255, 255, 230

 128, 151, 70

 102, 126, 45

 77, 101, 20

 52, 76, 0

 28, 54, 0

 0, 33, 0

 0, 0, 0

■ 211, 234, 147

■ 211, 234, 147

■ 205, 234, 124

■ 217, 234, 170

■ 199, 234, 100

■ 223, 234, 194

■ 192, 234, 77

■ 230, 234, 217

■ 186, 234, 53

■ 236, 234, 241

■ 180, 234, 30

■ 242, 234, 255

■ 174, 234, 7

■ 248, 234, 255

■ 172, 234, 0

■ 254, 234, 255

■ 255, 234, 255

Harmonies

Analogous

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



255, 221, 138



211, 234, 147



160, 243, 178

Triad

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



211, 234, 147



84, 241, 255



255, 191, 229

Complementary

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



211, 234, 147



170, 147, 234

Split Complementary

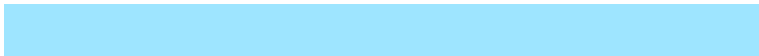
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 255



211, 234, 147



158, 229, 255

Square

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



211, 234, 147



52, 247, 255



226, 214, 255



255, 194, 186

Rectangle

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



211, 234, 147



123, 246, 205



226, 214, 255



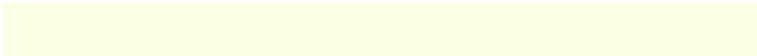
255, 193, 243

Sweetspot

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



211, 234, 147



248, 255, 227



234, 169, 147



123, 128, 111



0, 0, 0



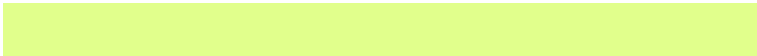
128, 128, 128

Same Dimension

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



211, 234, 147



225, 255, 140



169, 234, 147



114, 117, 106



133, 181, 0



39, 54, 0

Inverse Universe

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



170, 147, 234



171, 140, 255



212, 147, 234



109, 106, 117



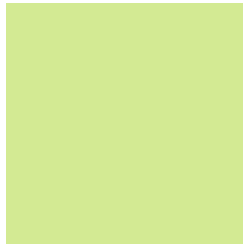
48, 0, 181



14, 0, 54

Previews

White Background



This preview shows how the RGB color 211, 234, 147 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 211, 234, 147 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

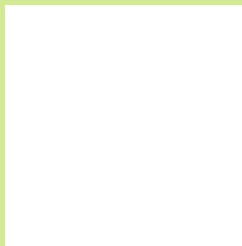
Any Text WCAG AAA ✓ Pass

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

RGB 211, 234, 147 Background



This preview shows how black text looks on a background with the RGB color 211, 234, 147.

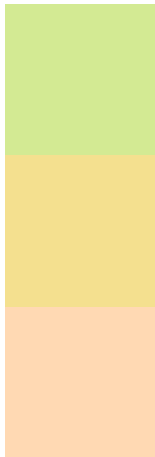


This preview shows how white text looks on a background with the RGB color 211, 234, 147.

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
211, 234, 147

Protanopia
244, 224, 143

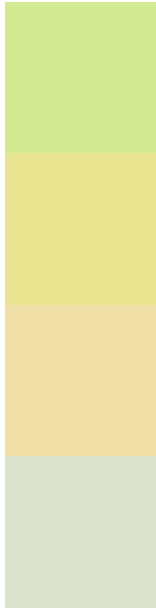
Deuteranopia
255, 217, 179



Tritanopia

223, 223, 240

Trichromacy



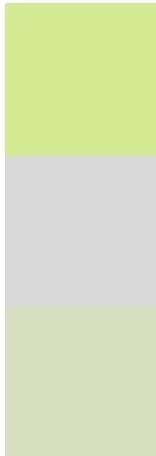
Original Color
211, 234, 147

Protanomaly
232, 228, 144

Deuteranomaly
239, 223, 167

Tritanomaly
219, 227, 206

Monochromacy



Original Color
211, 234, 147

Achromatopsia
217, 217, 217

Achromatomaly
215, 223, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 234, 147 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(211, 234, 147)` looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 147)  
}
```

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(211, 234, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 147) }
```

Border

The CSS property to change the border of an element to RGB 211, 234, 147 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(211, 234, 147) }
```

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

```
.border{ border-color:rgb(211, 234, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 234, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 147);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 211, 234, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 147) }
```

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

```
.background{ background-color: rgb(211,  
234, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor