

Converting Colors

RGB(214, 253, 155)

Have a look what the booklet for
RGB(214, 253, 155) contains.

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Color

RGB(214, 253, 155)

Conversions

Conversions Part 1

Format	Color
Hex	D6FD9B
RGB	214, 253, 155
RGB Percent	84%, 99%, 61%
CMY	0.1608, 0.0078, 0.3922
CMYK	0.15, 0.00, 0.39, 0.01
HSL	84°, 96%, 80%
HSV	84°, 39%, 99%
XYZ	68.7732, 86.9133, 44.1616
YIQ	230.1670, 8.2140, -38.7460

Conversions

Conversions Part 2

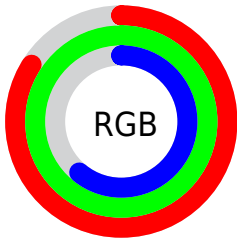
Format	Color
RYB	155, 253, 194
Decimal	14089627
CIELab	94.70, -28.28, 42.82
CIELCh	95, 51.317, 123.443
Yxy	86.9133, 0.3441, 0.4349
Android (android.graphics.Color)	4292279707 (0xFFD6FD9B)
YUV	230.1670, -37.0573, -14.1785
Hunter-Lab	93.2273, -31.4693, 37.1736

Details

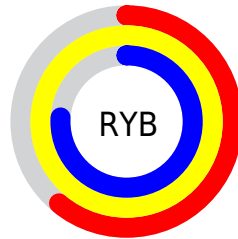
The RGB color **214, 253, 155** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **194, 155, 253**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 210**, and **158, 196, 102** is the 20% darker color. If you saturate the color by 10%, you get **204, 253, 130**, and if you desaturate by 10%, it is **224, 253, 180**.

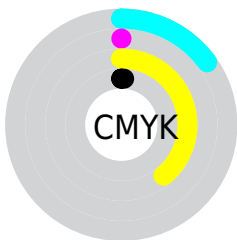
Distribution



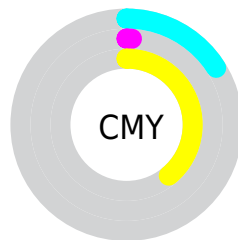
- Red (84%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 253, 155 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 214, 253, 155 by changing the saturation by 10% instead.

 214, 253, 155

255, 255, 255


 255, 255, 210


 255, 255, 239

 214, 253, 155

 186, 224, 128

 158, 196, 102

 131, 169, 77

 104, 142, 52

 78, 117, 26

 53, 92, 0

 29, 68, 0

 0, 45, 0

 0, 25, 0

■ 214, 253, 155

■ 214, 253, 155

■ 204, 253, 130

■ 224, 253, 180

■ 194, 253, 104

■ 234, 253, 206

■ 184, 253, 79

■ 244, 253, 231

■ 174, 253, 54

■ 254, 253, 255

■ 164, 253, 28

255, 253, 255

■ 154, 253, 3

■ 152, 253, 0

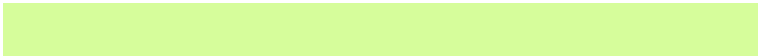
Harmonies

Analogous

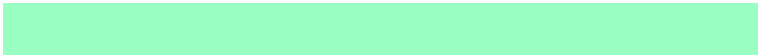
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 139



214, 253, 155



153, 255, 194

Triad

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



214, 253, 155



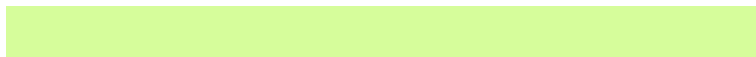
76, 255, 255



255, 201, 236

Complementary

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



214, 253, 155



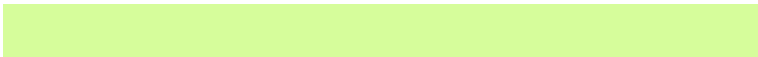
194, 155, 253

Split Complementary

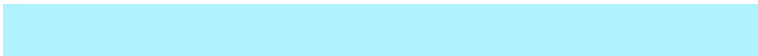
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 208, 255



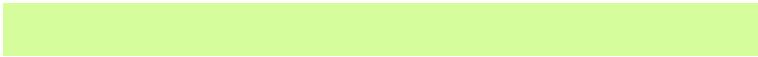
214, 253, 155



175, 243, 255

Square

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



214, 253, 155



0, 255, 255



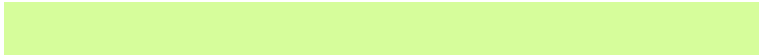
253, 225, 255



255, 206, 188

Rectangle

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



214, 253, 155



105, 255, 227



253, 225, 255



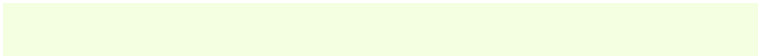
255, 202, 253

Sweetspot

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



214, 253, 155



243, 255, 224



253, 193, 155



120, 128, 110



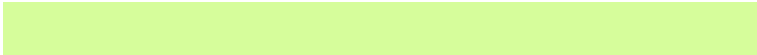
0, 0, 0



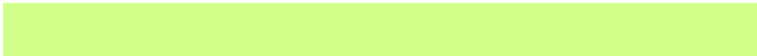
128, 128, 128

Same Dimension

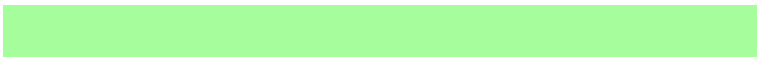
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 253, 155



208, 255, 138



166, 253, 155



122, 128, 115



115, 191, 0



38, 64, 0

Inverse Universe

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



194, 155, 253



184, 138, 255



242, 155, 253



120, 115, 128



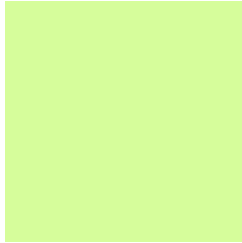
76, 0, 191



25, 0, 64

Previews

White Background



This preview shows how the RGB color 214, 253, 155 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 214, 253, 155 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

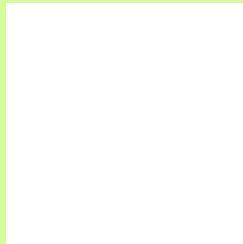
Any Text WCAG AAA ✓ Pass

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

RGB 214, 253, 155 Background



This preview shows how black text looks on a background with the RGB color 214, 253, 155.

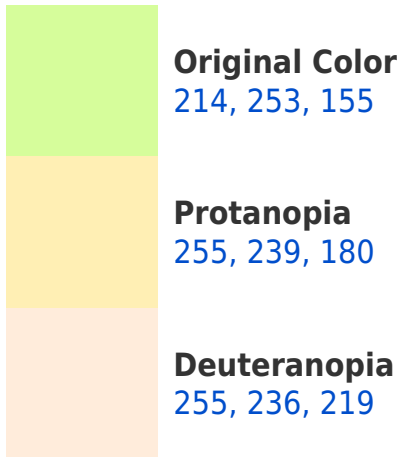


This preview shows how white text looks on a background with the RGB color 214, 253, 155.

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

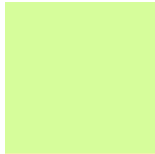




Tritanopia

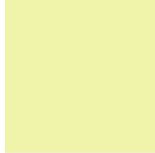
231, 240, 255

Trichromacy



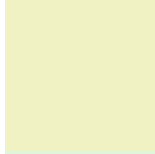
Original Color

214, 253, 155



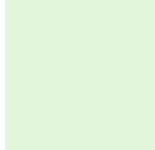
Protanomaly

240, 244, 171



Deuteranomaly

240, 242, 196



Tritanomaly

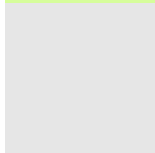
225, 245, 219

Monochromacy



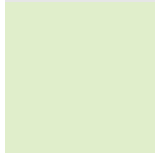
Original Color

214, 253, 155



Achromatopsia

230, 230, 230



Achromatomaly

224, 238, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 253, 155 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(214, 253, 155)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 155)  
}
```

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(214, 253, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 155) }
```

Border

The CSS property to change the border of an element to RGB 214, 253, 155 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(214, 253, 155) }
```

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

```
.border{ border-color:rgb(214, 253, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 253, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 253, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 253, 155); box-shadow:4px 4px 4px 4px rgb(214, 253, 155) }
```

Background

The CSS property to change the background color of an element to RGB 214, 253, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 155) }
```

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

```
.background{ background-color: rgb(214,  
253, 155) }
```

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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