

Converting Colors

RGB(212, 255, 111)

Have a look what the booklet for
RGB(212, 255, 111) contains.

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Color

RGB(212, 255, 111)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF6F
RGB	212, 255, 111
RGB Percent	83%, 100%, 44%
CMY	0.1686, 0.0000, 0.5647
CMYK	0.17, 0.00, 0.56, 0.00
HSL	78°, 100%, 72%
HSV	78°, 56%, 100%
XYZ	65.7806, 86.6647, 28.2999
YIQ	225.7270, 20.5960, -53.9000

Conversions

Conversions Part 2

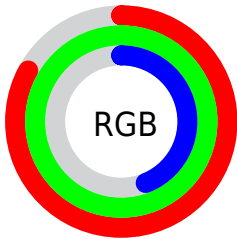
Format	Color
RYB	111, 255, 154
Decimal	13959023
CIELab	94.60, -34.43, 63.05
CIELCh	95, 71.837, 118.642
Yxy	86.6647, 0.3639, 0.4795
Android (android.graphics.Color)	4292149103 (0xFFD4FF6F)
YUV	225.7270, -56.5604, -12.0386
Hunter-Lab	93.0939, -36.7853, 47.1420

Details

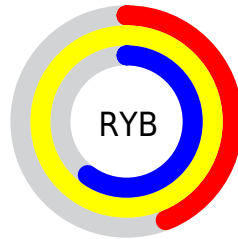
The RGB color **212, 255, 111** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **154, 111, 255**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 167**, and **154, 198, 55** is the 20% darker color. If you saturate the color by 10%, you get **204, 255, 86**, and if you desaturate by 10%, it is **220, 255, 137**.

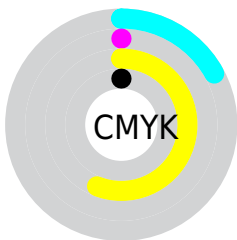
Distribution



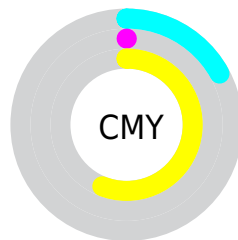
- Red (83%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 255, 111 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 212, 255, 111 by changing the saturation by 10% instead.

 212, 255, 111

255, 255, 255

 255, 255, 167

 255, 255, 195

 255, 255, 224

255, 255, 253


 212, 255, 111

 183, 226, 83

 154, 198, 55


 126, 171, 21

 99, 144, 0

 71, 118, 0

 44, 93, 0

 8, 69, 0

 0, 46, 0

 0, 25, 0

■ 212, 255, 111

■ 212, 255, 111

■ 204, 255, 86

■ 220, 255, 137

■ 197, 255, 60

■ 227, 255, 162

■ 189, 255, 34

■ 235, 255, 188

■ 182, 255, 9

■ 242, 255, 213

■ 179, 255, 0

■ 250, 255, 239

255, 255, 255

Harmonies

Analogous

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



255, 235, 94



212, 255, 111



120, 255, 164

Triad

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



212, 255, 111



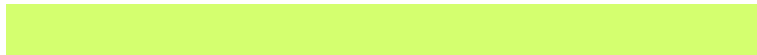
0, 255, 255



255, 179, 246

Complementary

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



212, 255, 111



154, 111, 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, 195, 255



212, 255, 111



80, 248, 255

Square

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



212, 255, 111



0, 255, 255



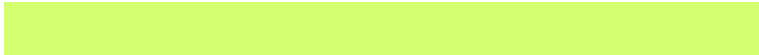
237, 222, 255



255, 186, 177

Rectangle

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



212, 255, 111



0, 255, 210



237, 222, 255



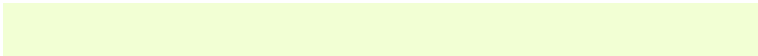
255, 182, 255

Sweetspot

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



212, 255, 111



242, 255, 212



255, 152, 111



120, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



212, 255, 111



203, 255, 82



142, 255, 111



124, 128, 115



134, 191, 0



45, 64, 0

Inverse Universe

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



154, 111, 255



133, 82, 255



224, 111, 255



119, 115, 128



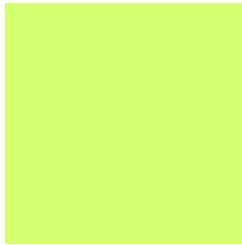
57, 0, 191



19, 0, 64

Previews

White Background



This preview shows how the RGB color 212, 255, 111 looks on a white background.

Color Contrast Check

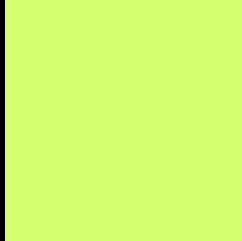
Large Text (above 18pt) WCAG AA × Fail

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 212, 255, 111 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

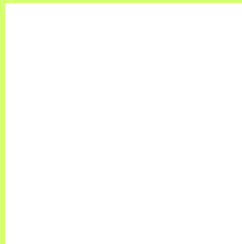
Any Text WCAG AAA ✓ Pass

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

RGB 212, 255, 111 Background



This preview shows how black text looks on a background with the RGB color 212, 255, 111.

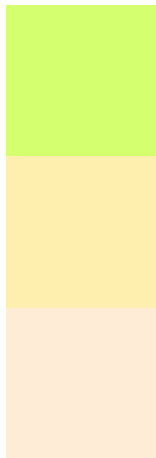


This preview shows how white text looks on a background with the RGB color 212, 255, 111.

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
212, 255, 111

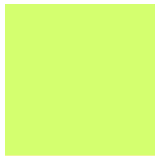
Protanopia
255, 239, 175

Deuteranopia
255, 236, 215

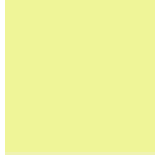


Tritanopia
232, 239, 255

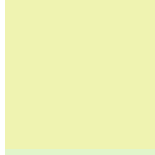
Trichromacy



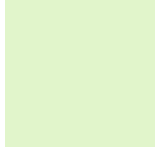
Original Color
212, 255, 111



Protanomaly
239, 245, 152

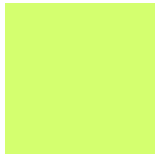


Deuteranomaly
239, 243, 177

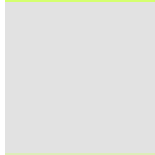


Tritanomaly
225, 245, 203

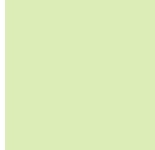
Monochromacy



Original Color
212, 255, 111



Achromatopsia
226, 226, 226



Achromatomaly
221, 237, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 255, 111 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(212, 255, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 111)  
}
```

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(212, 255, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 111) }
```

Border

The CSS property to change the border of an element to RGB 212, 255, 111 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(212, 255, 111) }
```

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

```
.border{ border-color:rgb(212, 255, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 212, 255, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 111) }
```

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

```
.background{ background-color: rgb(212,  
255, 111) }
```

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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