

Converting Colors

RGB(207, 255, 107)

Have a look what the booklet for
RGB(207, 255, 107) contains.

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Color

RGB(207, 255, 107)

Conversions

Conversions Part 1

Format	Color
Hex	CFFF6B
RGB	207, 255, 107
RGB Percent	81%, 100%, 42%
CMY	0.1882, 0.0000, 0.5804
CMYK	0.19, 0.00, 0.58, 0.00
HSL	79°, 100%, 71%
HSV	79°, 58%, 100%
XYZ	64.1460, 85.8469, 27.0992
YIQ	223.7760, 18.9000, -56.2040

Conversions

Conversions Part 2

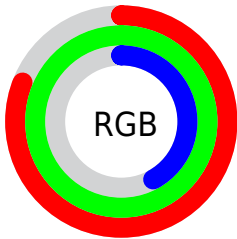
Format	Color
RYB	107, 255, 155
Decimal	13631339
CIELab	94.25, -36.62, 64.28
CIElCh	94, 73.978, 119.674
Yxy	85.8469, 0.3622, 0.4848
Android (android.graphics.Color)	4291821419 (0xFFCFFF6B)
YUV	223.7760, -57.5706, -14.7126
Hunter-Lab	92.6536, -38.5647, 47.5165

Details

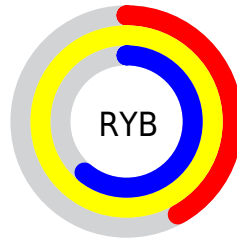
The RGB color **207, 255, 107** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **155, 107, 255**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 163**, and **149, 198, 50** is the 20% darker color. If you saturate the color by 10%, you get **199, 255, 82**, and if you desaturate by 10%, it is **215, 255, 133**.

Distribution



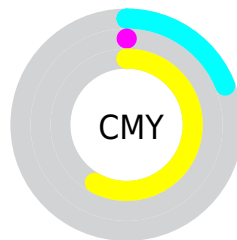
- Red (81%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (61%)



- Cyan (19%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 255, 107 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 207, 255, 107 by changing the saturation by 10% instead.

 207, 255, 107

255, 255, 255

 255, 255, 163

 255, 255, 191


 255, 255, 220

 255, 255, 250

 207, 255, 107

 178, 226, 79

 149, 198, 50

 121, 171, 11

 94, 144, 0

 66, 118, 0

 37, 93, 0

 0, 69, 0

 0, 46, 0

 0, 23, 0

■ 207, 255, 107

■ 207, 255, 107

■ 199, 255, 82

■ 215, 255, 133

■ 190, 255, 56

■ 224, 255, 158

■ 182, 255, 31

■ 232, 255, 184

■ 174, 255, 5

■ 240, 255, 209

■ 172, 255, 0

■ 248, 255, 235

255, 255, 255

Harmonies

Analogous

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



255, 234, 87



207, 255, 107



109, 255, 163

Triad

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



207, 255, 107



0, 255, 255



255, 175, 242

Complementary

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



207, 255, 107



155, 107, 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, 191, 255



207, 255, 107



74, 246, 255

Square

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



207, 255, 107



0, 255, 255



240, 220, 255



255, 183, 172

Rectangle

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



207, 255, 107



0, 255, 210



240, 220, 255



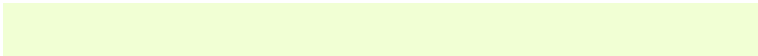
255, 178, 255

Sweetspot

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



207, 255, 107



241, 255, 212



255, 154, 107



119, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



207, 255, 107



197, 255, 77



134, 255, 107



123, 128, 115



129, 191, 0



43, 64, 0

Inverse Universe

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



155, 107, 255



134, 77, 255



228, 107, 255



119, 115, 128



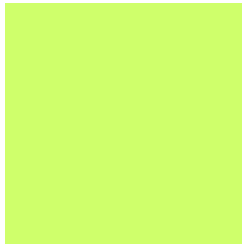
62, 0, 191



21, 0, 64

Previews

White Background



This preview shows how the RGB color 207, 255, 107 looks on a white background.

Color Contrast Check

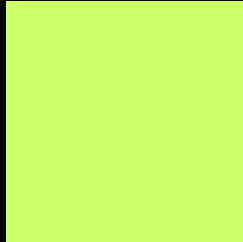
Large Text (above 18pt) WCAG AA × Fail

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 207, 255, 107 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 207, 255, 107 Background



This preview shows how black text looks on a background with the RGB color 207, 255, 107.

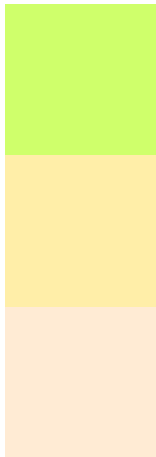


This preview shows how white text looks on a background with the RGB color 207, 255, 107.

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
207, 255, 107

Protanopia
255, 238, 168

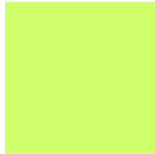
Deuteranopia
255, 235, 212



Tritanopia

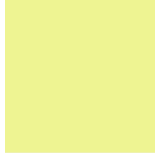
228, 239, 255

Trichromacy



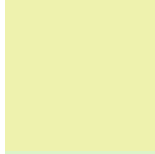
Original Color

207, 255, 107



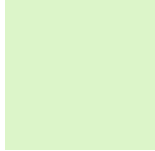
Protanomaly

238, 244, 146



Deuteranomaly

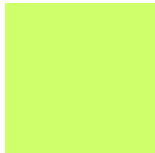
238, 242, 174



Tritanomaly

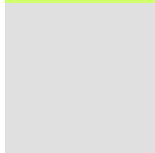
220, 245, 201

Monochromacy



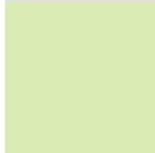
Original Color

207, 255, 107



Achromatopsia

224, 224, 224



Achromatomaly

218, 235, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 255, 107 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(207, 255, 107)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 107)  
}
```

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(207, 255, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 107) }
```

Border

The CSS property to change the border of an element to RGB 207, 255, 107 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(207, 255, 107) }
```

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

```
.border{ border-color:rgb(207, 255, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 107);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 207, 255, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 107) }
```

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

```
.background{ background-color: rgb(207,  
255, 107) }
```

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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