

Converting Colors

RGB(196, 247, 119)

Have a look what the booklet for
RGB(196, 247, 119) contains.

RGB(196, 247, 119)	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(196, 247, 119)

Conversions

Conversions Part 1

Format	Color
Hex	C4F777
RGB	196, 247, 119
RGB Percent	77%, 97%, 47%
CMY	0.2314, 0.0314, 0.5333
CMYK	0.21, 0.00, 0.52, 0.03
HSL	84°, 89%, 72%
HSV	84°, 52%, 97%
XYZ	59.3555, 79.5892, 29.6867
YIQ	217.1590, 10.6920, -50.6200

Conversions

Conversions Part 2

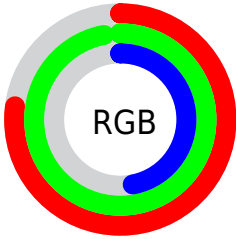
Format	Color
RYB	119, 247, 170
Decimal	12908407
CIELab	91.50, -35.99, 55.66
CIElCh	92, 66.278, 122.885
Yxy	79.5892, 0.3520, 0.4720
Android (android.graphics.Color)	4291098487 (0xFFC4F777)
YUV	217.1590, -48.3924, -18.5564
Hunter-Lab	89.2128, -37.3619, 42.7195

Details

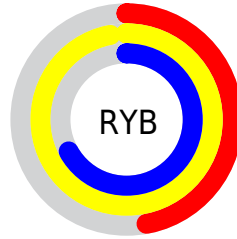
The RGB color **196, 247, 119** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **170, 119, 247**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 174**, and **139, 190, 65** is the 20% darker color. If you saturate the color by 10%, you get **186, 247, 94**, and if you desaturate by 10%, it is **206, 247, 144**.

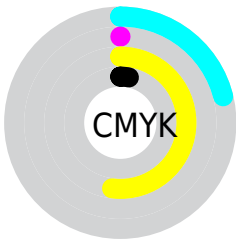
Distribution



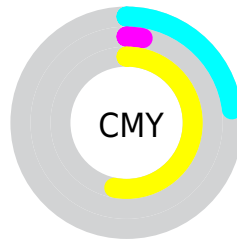
- Red (77%)
- Green (97%)
- Blue (47%)



- Red (47%)
- Yellow (97%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (52%)
- Black (3%)



- Cyan (23%)
- Magenta (3%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 247, 119 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 196, 247, 119 by changing the saturation by 10% instead.

 196, 247, 119

255, 255, 255

 255, 255, 174

 255, 255, 202

 255, 255, 231

 196, 247, 119

 167, 218, 92

 139, 190, 65

 112, 163, 37

 85, 137, 0

 57, 111, 0

 30, 86, 0

 0, 62, 0

 0, 41, 0

 0, 10, 0

■ 196, 247, 119

■ 196, 247, 119

■ 186, 247, 94

■ 206, 247, 144

■ 176, 247, 70

■ 216, 247, 168

■ 166, 247, 45

■ 226, 247, 193

■ 157, 247, 20

■ 235, 247, 218

■ 149, 247, 0

■ 245, 247, 243

■ 255, 247, 255

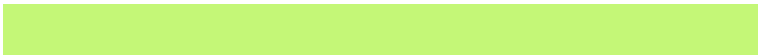
Harmonies

Analogous

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



255, 229, 98



196, 247, 119



109, 255, 170

Triad

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



196, 247, 119



0, 252, 255



255, 176, 227

Complementary

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



196, 247, 119



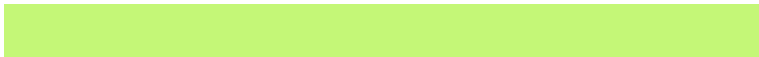
170, 119, 247

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, 187, 255



196, 247, 119



124, 235, 255

Square

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



196, 247, 119



0, 255, 255



243, 211, 255



255, 184, 165

Rectangle

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



196, 247, 119



0, 255, 213



243, 211, 255



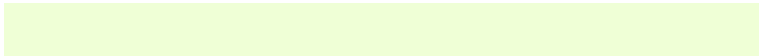
255, 178, 249

Sweetspot

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



196, 247, 119



239, 255, 214



247, 168, 119



118, 128, 103



0, 0, 0



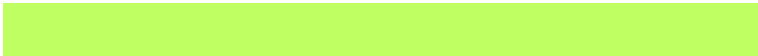
128, 128, 128

Same Dimension

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



196, 247, 119



192, 255, 97



134, 247, 119



118, 122, 110



112, 186, 0



35, 59, 0

Inverse Universe

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



170, 119, 247



160, 97, 255



232, 119, 247



115, 110, 122



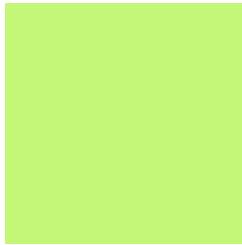
74, 0, 186



23, 0, 59

Previews

White Background



This preview shows how the RGB color 196, 247, 119 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 196, 247, 119 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 196, 247, 119 Background



This preview shows how black text looks on a background with the RGB color 196, 247, 119.

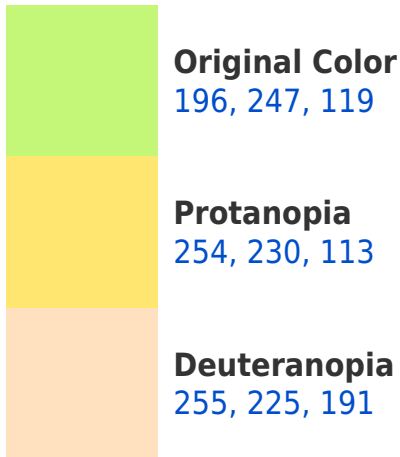


This preview shows how white text looks on a background with the RGB color 196, 247, 119.

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





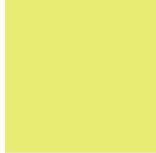
Tritanopia
213, 233, 251

Trichromacy



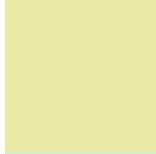
Original Color

196, 247, 119



Protanomaly

233, 236, 115



Deuteranomaly

234, 233, 165



Tritanomaly

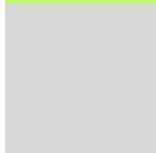
207, 238, 203

Monochromacy



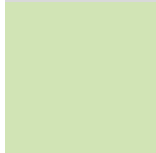
Original Color

196, 247, 119



Achromatopsia

217, 217, 217



Achromatomaly

209, 228, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 247, 119 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(196, 247, 119)` looks like.

```
.text, #text, p{  
    color:rgb(196, 247, 119)  
}
```

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(196, 247, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 247, 119) }
```

Border

The CSS property to change the border of an element to RGB 196, 247, 119 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(196, 247, 119) }
```

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

```
.border{ border-color:rgb(196, 247, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 247, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 247, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 247, 119);  
box-shadow:4px 4px 4px 4px rgb(196, 247,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 196, 247, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 247, 119) }
```

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

```
.background{ background-color: rgb(196,  
247, 119) }
```

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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