

Converting Colors

RGB(196, 239, 120)

Have a look what the booklet for
RGB(196, 239, 120) contains.

RGB(196, 239, 120)	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, 239, 120)

Conversions

Conversions Part 1

Format	Color
Hex	C4EF78
RGB	196, 239, 120
RGB Percent	77%, 94%, 47%
CMY	0.2314, 0.0627, 0.5294
CMYK	0.18, 0.00, 0.50, 0.06
HSL	82°, 79%, 70%
HSV	82°, 50%, 94%
XYZ	57.0216, 74.8248, 29.2066
YIQ	212.5770, 12.5710, -46.1250

Conversions

Conversions Part 2

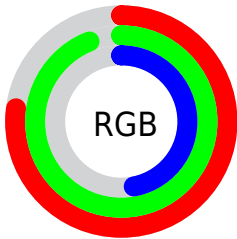
Format	Color
RYB	120, 239, 163
Decimal	12906360
CIELab	89.31, -32.23, 52.59
CIELCh	89, 61.675, 121.501
Yxy	74.8248, 0.3541, 0.4646
Android (android.graphics.Color)	4291096440 (0xFFC4EF78)
YUV	212.5770, -45.6405, -14.5380
Hunter-Lab	86.5013, -33.7103, 40.5321

Details

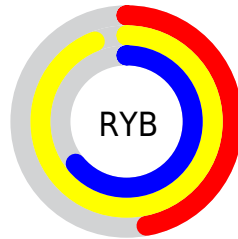
The RGB color **196, 239, 120** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **163, 120, 239**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **254, 255, 175**, and **140, 183, 67** is the 20% darker color. If you saturate the color by 10%, you get **187, 239, 96**, and if you desaturate by 10%, it is **205, 239, 144**.

Distribution



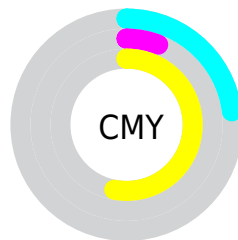
- Red (77%)
- Green (94%)
- Blue (47%)



- Red (47%)
- Yellow (94%)
- Blue (64%)



- Cyan (18%)
- Magenta (0%)
- Yellow (50%)
- Black (6%)



- Cyan (23%)
- Magenta (6%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 239, 120 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, 239, 120 by changing the saturation by 10% instead.

 196, 239, 120


255, 255, 255

 254, 255, 175


 255, 255, 203

 255, 255, 232

 196, 239, 120

 168, 211, 93

 140, 183, 67

 113, 156, 40

 86, 130, 4

 59, 104, 0

 33, 80, 0

 0, 56, 0

 0, 36, 0


 0, 0, 0

 196, 239, 120


 196, 239, 120

 187, 239, 96


 205, 239, 144


 179, 239, 72

 213, 239, 168

 170, 239, 48

 222, 239, 192

 161, 239, 24

 231, 239, 216

 153, 239, 1

 239, 239, 239

 153, 239, 0

 248, 239, 255

 255, 239, 255

Harmonies

Analogous

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



255, 222, 103



196, 239, 120



119, 250, 166

Triad

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



196, 239, 120



0, 245, 255



255, 175, 224

Complementary

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



196, 239, 120



163, 120, 239

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, 186, 255



196, 239, 120



124, 230, 255

Square

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



196, 239, 120



0, 253, 255



232, 208, 255



255, 182, 166

Rectangle

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



196, 239, 120



0, 253, 205



232, 208, 255



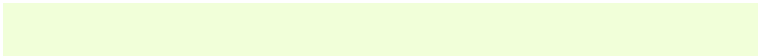
255, 176, 244

Sweetspot

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



196, 239, 120



241, 255, 217



239, 162, 120



119, 128, 105



0, 0, 0



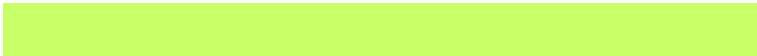
128, 128, 128

Same Dimension

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



196, 239, 120



200, 255, 102



138, 239, 120



116, 120, 108



117, 184, 0



36, 56, 0

Inverse Universe

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



163, 120, 239



157, 102, 255



221, 120, 239



112, 108, 120



66, 0, 184



20, 0, 56

Previews

White Background



This preview shows how the RGB color 196, 239, 120 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, 239, 120 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, 239, 120 Background



This preview shows how black text looks on a background with the RGB color 196, 239, 120.

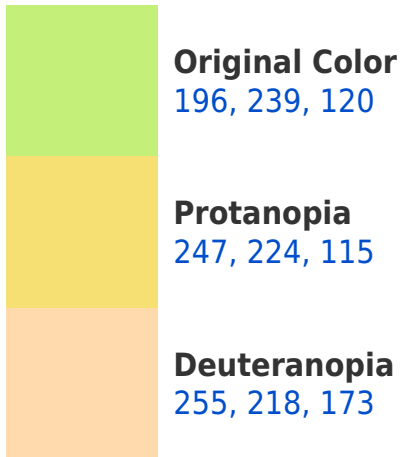


This preview shows how white text looks on a background with the RGB color 196, 239, 120.

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



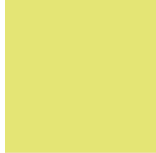


Tritanopia
212, 225, 243

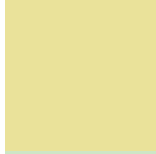
Trichromacy



Original Color
196, 239, 120



Protanomaly
228, 229, 117



Deuteranomaly
234, 226, 154

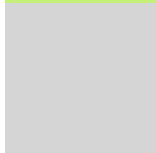


Tritanomaly
206, 230, 198

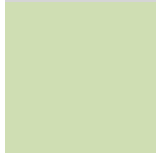
Monochromacy



Original Color
196, 239, 120



Achromatopsia
213, 213, 213



Achromatomaly
207, 222, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 239, 120 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, 239, 120)` looks like.

```
.text, #text, p{  
    color:rgb(196, 239, 120)  
}
```

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, 239, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 239, 120) }
```

Border

The CSS property to change the border of an element to RGB 196, 239, 120 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, 239, 120) }
```

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

```
.border{ border-color:rgb(196, 239, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 239, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 239, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 239, 120);  
box-shadow:4px 4px 4px 4px rgb(196, 239,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 196, 239, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 239, 120) }
```

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

```
.background{ background-color: rgb(196,  
239, 120) }
```

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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