

Converting Colors

RGB(119, 245, 148)

Have a look what the booklet for
RGB(119, 245, 148) contains.

RGB(119, 245, 148)	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(119, 245, 148)

Conversions

Conversions Part 1

Format	Color
Hex	77F594
RGB	119, 245, 148
RGB Percent	47%, 96%, 58%
CMY	0.5333, 0.0392, 0.4196
CMYK	0.51, 0.00, 0.40, 0.04
HSL	134°, 86%, 71%
HSV	134°, 51%, 96%
XYZ	45.6055, 71.3649, 39.3881
YIQ	196.2680, -43.9590, -56.8790

Conversions

Conversions Part 2

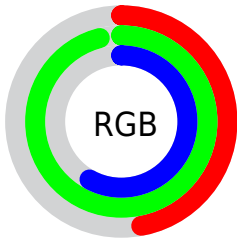
Format	Color
RYB	119, 221, 245
Decimal	7861652
CIELab	87.66, -55.38, 36.22
CIElCh	88, 66.175, 146.813
Yxy	71.3649, 0.2917, 0.4564
Android (android.graphics.Color)	4286051732 (0xFF77F594)
YUV	196.2680, -23.7961, -67.7640
Hunter-Lab	84.4777, -51.4725, 31.4902

Details

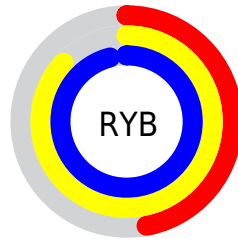
The RGB color **119, 245, 148** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **245, 119, 216**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **178, 255, 203**, and **55, 188, 96** is the 20% darker color. If you saturate the color by 10%, you get **94, 245, 129**, and if you desaturate by 10%, it is **143, 245, 167**.

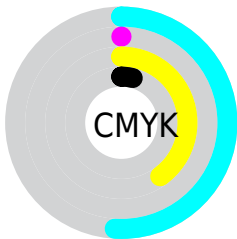
Distribution



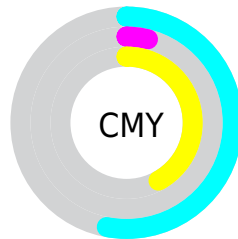
- Red (47%)
- Green (96%)
- Blue (58%)



- Red (47%)
- Yellow (87%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (40%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 245, 148 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 119, 245, 148 by changing the saturation by 10% instead.

 119, 245, 148

255, 255, 255

 178, 255, 203


 208, 255, 231


 238, 255, 255


 119, 245, 148

 89, 216, 122

 55, 188, 96

 0, 160, 71

 0, 133, 47

 0, 107, 22

 0, 81, 0

 0, 57, 0

 0, 34, 0

 0, 0, 0

 119, 245, 148

 119, 245, 148

 94, 245, 129

 143, 245, 167

 70, 245, 110

 168, 245, 186

 45, 245, 91

 192, 245, 205

 21, 245, 73

 217, 245, 223

 0, 245, 56

 242, 245, 242

 255, 245, 255

Harmonies

Analogous

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



199, 233, 102



119, 245, 148



0, 251, 211

Triad

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



119, 245, 148



64, 229, 255



255, 170, 167

Complementary

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



119, 245, 148



245, 119, 216

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, 166, 229



119, 245, 148



212, 206, 255

Square

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



119, 245, 148



0, 244, 255



255, 181, 255



255, 191, 115

Rectangle

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



119, 245, 148



0, 251, 254



255, 181, 255



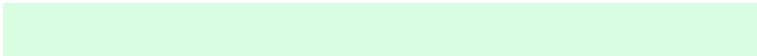
255, 166, 187

Sweetspot

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



119, 245, 148



217, 255, 226



218, 245, 119



105, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



119, 245, 148



97, 255, 133



119, 245, 209



110, 122, 113



0, 186, 43



0, 59, 13

Inverse Universe

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



245, 119, 216



255, 97, 219



245, 119, 155



122, 110, 120



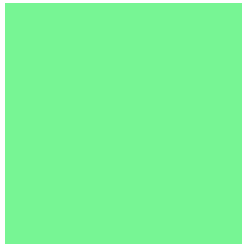
186, 0, 143



59, 0, 45

Previews

White Background



This preview shows how the RGB color 119, 245, 148 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 119, 245, 148 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

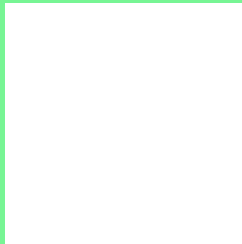
Any Text WCAG AAA ✓ Pass

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

RGB 119, 245, 148 Background



This preview shows how black text looks on a background with the RGB color 119, 245, 148.

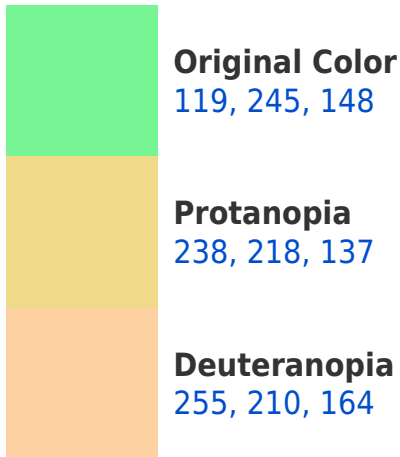


This preview shows how white text looks on a background with the RGB color 119, 245, 148.

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
144, 233, 251

Trichromacy



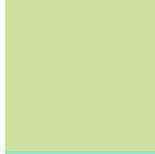
Original Color

119, 245, 148



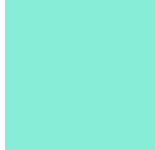
Protanomaly

195, 228, 141



Deuteranomaly

206, 223, 158



Tritanomaly

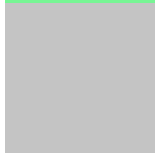
135, 237, 214

Monochromacy



Original Color

119, 245, 148



Achromatopsia

196, 196, 196



Achromatomaly

168, 214, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 245, 148 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(119, 245, 148)` looks like.

```
.text, #text, p{  
    color:rgb(119, 245, 148)  
}
```

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(119, 245, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 245, 148) }
```

Border

The CSS property to change the border of an element to RGB 119, 245, 148 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(119, 245, 148) }
```

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

```
.border{ border-color:rgb(119, 245, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 245, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 245, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 245, 148);  
box-shadow:4px 4px 4px 4px rgb(119, 245,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 119, 245, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 245, 148) }
```

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

```
.background{ background-color: rgb(119,  
245, 148) }
```

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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