

Converting Colors

RGB(98, 245, 149)

Have a look what the booklet for
RGB(98, 245, 149) contains.

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Color

RGB(98, 245, 149)

Conversions

Conversions Part 1

Format	Color
Hex	62F595
RGB	98, 245, 149
RGB Percent	38%, 96%, 58%
CMY	0.6157, 0.0392, 0.4157
CMYK	0.60, 0.00, 0.39, 0.04
HSL	141°, 88%, 67%
HSV	141°, 60%, 96%
XYZ	43.1142, 70.0714, 39.6866
YIQ	190.1030, -56.7960, -61.0200

Conversions

Conversions Part 2

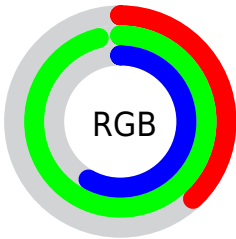
Format	Color
RYB	98, 207, 245
Decimal	6485397
CIELab	87.03, -59.93, 34.78
CIELCh	87, 69.286, 149.872
Yxy	70.0714, 0.2820, 0.4584
Android (android.graphics.Color)	4284675477 (0xFF62F595)
YUV	190.1030, -20.2638, -80.7743
Hunter-Lab	83.7087, -54.5536, 30.4865

Details

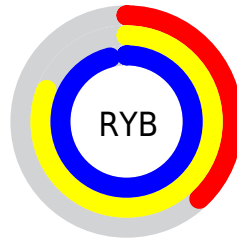
The RGB color **98, 245, 149** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **245, 98, 194**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **160, 255, 204**, and **6, 188, 97** is the 20% darker color. If you saturate the color by 10%, you get **74, 245, 133**, and if you desaturate by 10%, it is **123, 245, 165**.

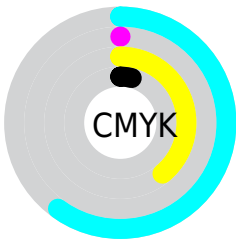
Distribution



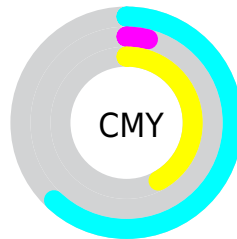
- Red (38%)
- Green (96%)
- Blue (58%)



- Red (38%)
- Yellow (81%)
- Blue (96%)



- Cyan (60%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)

















- Cyan (62%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 245, 149 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 98, 245, 149 by changing the saturation by 10% instead.

 98, 245, 149	 98, 245, 149
 255, 255, 255	 63, 216, 123
 160, 255, 204	 6, 188, 97
 190, 255, 232	 0, 160, 72
 221, 255, 255	 0, 133, 48
 252, 255, 255	 0, 106, 23
	 0, 81, 0
	 0, 56, 0
	 0, 32, 0
	 0, 0, 0

 98, 245, 149

 98, 245, 149


 74, 245, 133

 123, 245, 165

 49, 245, 117


 147, 245, 181

 24, 245, 101

 171, 245, 197

 0, 245, 85

 196, 245, 213

 221, 245, 229

 245, 245, 245

 255, 245, 255

Harmonies

Analogous

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



188, 233, 97



98, 245, 149



0, 250, 216

Triad

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



98, 245, 149



68, 225, 255



255, 167, 156

Complementary

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



98, 245, 149



245, 98, 194

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, 160, 221



98, 245, 149



220, 201, 255

Square

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



98, 245, 149



0, 242, 255



255, 174, 255



255, 190, 104

Rectangle

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



98, 245, 149



0, 250, 255



255, 174, 255



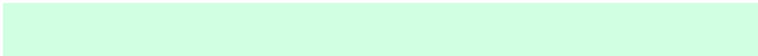
255, 162, 177

Sweetspot

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



98, 245, 149



209, 255, 225



196, 245, 98



99, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



98, 245, 149



71, 255, 135



98, 245, 220



110, 122, 114



0, 186, 65



0, 59, 20

Inverse Universe

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



245, 98, 194



255, 71, 191



245, 98, 123



122, 110, 118



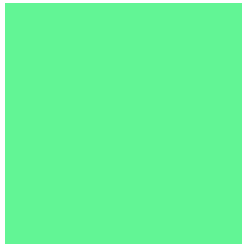
186, 0, 122



59, 0, 38

Previews

White Background



This preview shows how the RGB color 98, 245, 149 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 98, 245, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

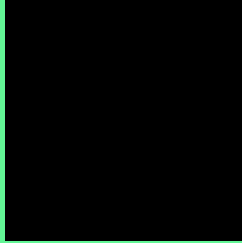
Any Text WCAG AA ✓ Pass

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 98, 245, 149 Background



This preview shows how black text looks on a background with the RGB color 98, 245, 149.

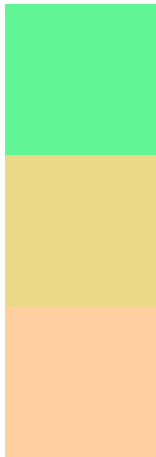


This preview shows how white text looks on a background with the RGB color 98, 245, 149.

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
98, 245, 149

Protanopia
235, 216, 137

Deuteranopia
255, 207, 160



Tritanopia
128, 233, 252

Trichromacy



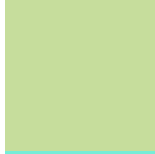
Original Color

98, 245, 149



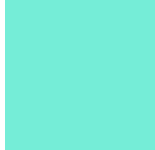
Protanomaly

185, 227, 141



Deuteranomaly

198, 221, 156



Tritanomaly

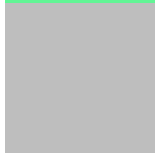
117, 237, 215

Monochromacy



Original Color

98, 245, 149



Achromatopsia

190, 190, 190



Achromatomaly

157, 210, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 245, 149 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(98, 245, 149)` looks like.

```
.text, #text, p{  
    color:rgb(98, 245, 149)  
}
```

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(98, 245, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 245, 149) }
```

Border

The CSS property to change the border of an element to RGB 98, 245, 149 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(98, 245, 149) }
```

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

```
.border{ border-color:rgb(98, 245, 149) }
```

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

Here you see how a box with a 4 pixel rgb(98, 245, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 245, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 245, 149);  
box-shadow:4px 4px 4px 4px rgb(98, 245,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 98, 245, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 245, 149) }
```

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

```
.background{ background-color: rgb(98, 245,  
149) }
```

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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