

Converting Colors

RGB(81, 255, 158)

Have a look what the booklet for
RGB(81, 255, 158) contains.

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Color

RGB(81, 255, 158)

Conversions

Conversions Part 1

Format	Color
Hex	51FF9E
RGB	81, 255, 158
RGB Percent	32%, 100%, 62%
CMY	0.6824, 0.0000, 0.3804
CMYK	0.68, 0.00, 0.38, 0.00
HSL	147°, 100%, 66%
HSV	147°, 68%, 100%
XYZ	45.3249, 75.7380, 44.5778
YIQ	191.9160, -72.5670, -67.0550

Conversions

Conversions Part 2

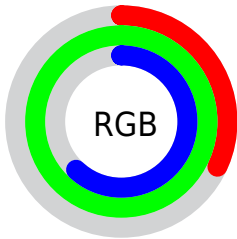
Format	Color
RYB	81, 202, 255
Decimal	5373854
CIELab	89.74, -65.13, 33.80
CIELCh	90, 73.379, 152.574
Yxy	75.7380, 0.2736, 0.4572
Android (android.graphics.Color)	4283563934 (0xFF51FF9E)
YUV	191.9160, -16.7206, -97.2733
Hunter-Lab	87.0276, -59.3335, 30.5494

Details

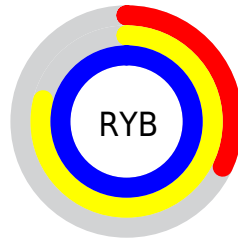
The RGB color **81, 255, 158** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **255, 81, 178**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **148, 255, 213**, and **0, 197, 106** is the 20% darker color. If you saturate the color by 10%, you get **56, 255, 144**, and if you desaturate by 10%, it is **106, 255, 172**.

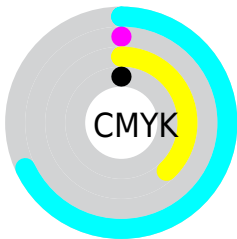
Distribution



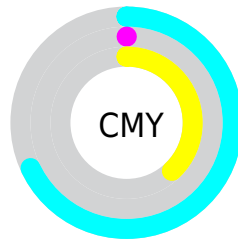
- Red (32%)
- Green (100%)
- Blue (62%)



- Red (32%)
- Yellow (79%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)


















- Cyan (68%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 81, 255, 158 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 81, 255, 158 by changing the saturation by 10% instead.

 81, 255, 158	 81, 255, 158
255, 255, 255	 35, 226, 131
 148, 255, 213	 0, 197, 106
 180, 255, 242	 0, 169, 80
 211, 255, 255	 0, 141, 56
 242, 255, 255	 0, 115, 32
	 0, 88, 5
	 0, 63, 0
	 0, 39, 0
	 0, 0, 0

■ 81, 255, 158

■ 81, 255, 158

■ 56, 255, 144

■ 106, 255, 172

■ 30, 255, 130

■ 132, 255, 186

■ 5, 255, 115

■ 158, 255, 201

■ 0, 255, 113

■ 183, 255, 215

■ 209, 255, 229

■ 234, 255, 243

255, 255, 255

Harmonies

Analogous

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



187, 243, 100



81, 255, 158



0, 255, 230

Triad

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



81, 255, 158



83, 231, 255



255, 173, 154

Complementary

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



81, 255, 158



255, 81, 178

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, 162, 222



81, 255, 158



236, 205, 255

Square

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



81, 255, 158



0, 250, 255



255, 176, 255



255, 198, 100

Rectangle

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



81, 255, 158



0, 255, 255



255, 176, 255



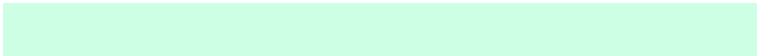
255, 167, 176

Sweetspot

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



81, 255, 158



204, 255, 227



180, 255, 81



97, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



81, 255, 158



46, 255, 138



81, 255, 243



115, 128, 120



0, 191, 85



0, 64, 28

Inverse Universe

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



255, 81, 178



255, 46, 162



255, 81, 93



128, 115, 122



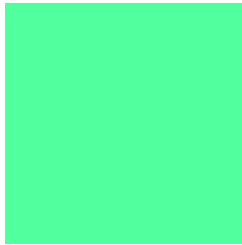
191, 0, 107



64, 0, 36

Previews

White Background



This preview shows how the RGB color 81, 255, 158 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 81, 255, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

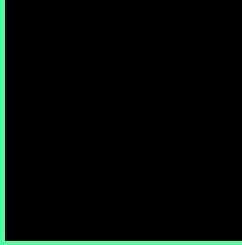
Any Text WCAG AA ✓ Pass

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 81, 255, 158 Background



This preview shows how black text looks on a background with the RGB color 81, 255, 158.

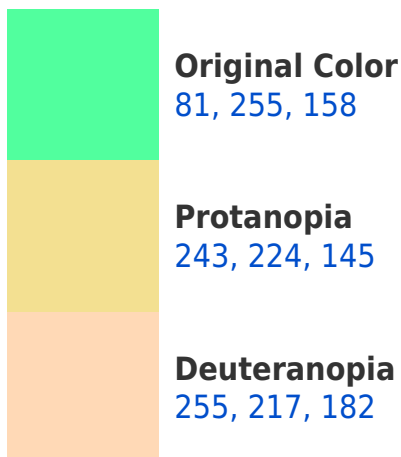


This preview shows how white text looks on a background with the RGB color 81, 255, 158.

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](#).

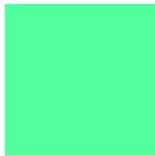
Dichromacy





Tritanopia
147, 239, 255

Trichromacy



Original Color

81, 255, 158



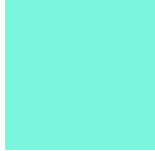
Protanomaly

184, 235, 150



Deuteranomaly

192, 231, 173



Tritanomaly

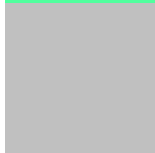
123, 245, 220

Monochromacy



Original Color

81, 255, 158



Achromatopsia

192, 192, 192



Achromatomaly

152, 215, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 81, 255, 158 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(81, 255, 158) looks like.

```
.text, #text, p{  
    color:rgb(81, 255, 158)  
}
```

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(81, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 255, 158) }
```

Border

The CSS property to change the border of an element to RGB 81, 255, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

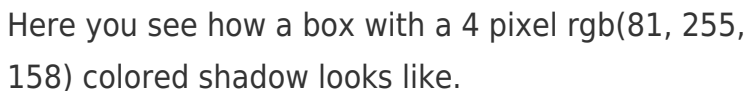
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 255, 158) }
```

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

```
.border{ border-color:rgb(81, 255, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(81, 255,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 81, 255, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 255, 158) }
```

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

```
.background{ background-color: rgb(81, 255,  
158) }
```

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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