

Converting Colors

RGB(108, 255, 159)

Have a look what the booklet for
RGB(108, 255, 159) contains.

RGB(108, 255, 159)	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(108, 255, 159)

Conversions

Conversions Part 1

Format	Color
Hex	6CFF9F
RGB	108, 255, 159
RGB Percent	42%, 100%, 62%
CMY	0.5765, 0.0000, 0.3765
CMYK	0.58, 0.00, 0.38, 0.00
HSL	141°, 100%, 71%
HSV	141°, 58%, 100%
XYZ	48.2023, 77.2113, 45.1636
YIQ	200.1030, -56.7960, -61.0200

Conversions

Conversions Part 2

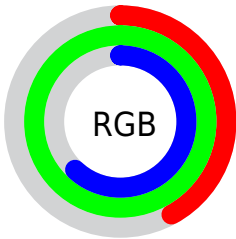
Format	Color
RYB	108, 217, 255
Decimal	7143327
CIELab	90.42, -59.97, 34.33
CIElCh	90, 69.099, 150.215
Yxy	77.2113, 0.2826, 0.4526
Android (android.graphics.Color)	4285333407 (0xFF6CFF9F)
YUV	200.1030, -20.2638, -80.7743
Hunter-Lab	87.8700, -55.8537, 31.0350

Details

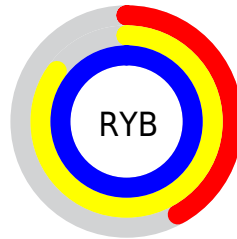
The RGB color **108, 255, 159** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **255, 108, 204**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **170, 255, 214**, and **32, 197, 106** is the 20% darker color. If you saturate the color by 10%, you get **83, 255, 142**, and if you desaturate by 10%, it is **134, 255, 176**.

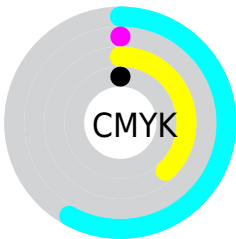
Distribution



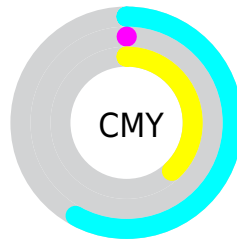
- Red (42%)
- Green (100%)
- Blue (62%)



- Red (42%)
- Yellow (85%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 255, 159 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 108, 255, 159 by changing the saturation by 10% instead.

 108, 255, 159

255, 255, 255


 170, 255, 214


 200, 255, 243


 231, 255, 255


 108, 255, 159

 75, 226, 132

 32, 197, 106

 0, 169, 81

 0, 142, 57

 0, 115, 33

 0, 89, 6

 0, 64, 0

 0, 41, 0

 0, 3, 0

■ 108, 255, 159

■ 108, 255, 159

■ 83, 255, 142

■ 134, 255, 176

■ 57, 255, 126

■ 159, 255, 192

■ 32, 255, 109

■ 185, 255, 209

■ 6, 255, 92

■ 210, 255, 226

■ 0, 255, 88

■ 236, 255, 242

255, 255, 255

Harmonies

Analogous

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



198, 243, 107



108, 255, 159



0, 255, 226

Triad

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



108, 255, 159



90, 235, 255



255, 177, 165

Complementary

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



108, 255, 159



255, 108, 204

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, 170, 230



108, 255, 159



231, 210, 255

Square

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



108, 255, 159



0, 251, 255



255, 184, 255



255, 200, 113

Rectangle

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



108, 255, 159



0, 255, 255



255, 184, 255



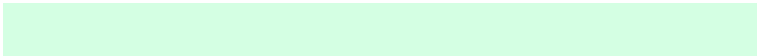
255, 172, 186

Sweetspot

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



108, 255, 159



212, 255, 227



206, 255, 108



102, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



108, 255, 159



79, 255, 140



108, 255, 230



115, 128, 119



0, 191, 66



0, 64, 22

Inverse Universe

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



255, 108, 204



255, 79, 194



255, 108, 133



128, 115, 123



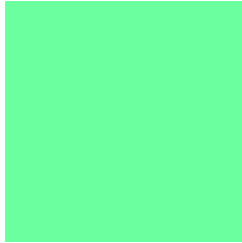
191, 0, 125



64, 0, 42

Previews

White Background



This preview shows how the RGB color 108, 255, 159 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 108, 255, 159 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 108, 255, 159 Background



This preview shows how black text looks on a background with the RGB color 108, 255, 159.

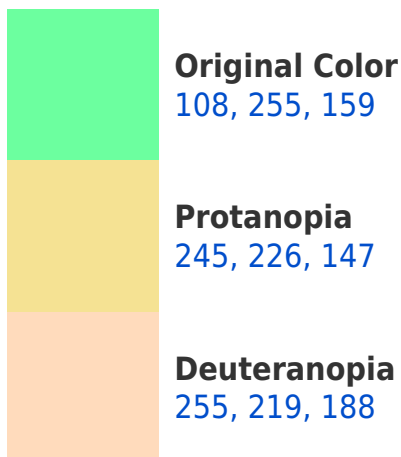


This preview shows how white text looks on a background with the RGB color 108, 255, 159.

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
161, 239, 255

Trichromacy



Original Color

108, 255, 159



Protanomaly

195, 237, 151



Deuteranomaly

202, 232, 177



Tritanomaly

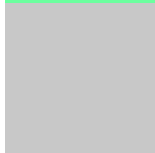
142, 245, 220

Monochromacy



Original Color

108, 255, 159



Achromatopsia

200, 200, 200



Achromatomaly

167, 220, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 255, 159 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(108, 255, 159)` looks like.

```
.text, #text, p{  
    color:rgb(108, 255, 159)  
}
```

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(108, 255, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 255, 159) }
```

Border

The CSS property to change the border of an element to RGB 108, 255, 159 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(108, 255, 159) }
```

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

```
.border{ border-color:rgb(108, 255, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 255, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(108, 255,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 108, 255, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 255, 159) }
```

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

```
.background{ background-color: rgb(108,  
255, 159) }
```

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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