

Converting Colors

RGB(158, 255, 158)

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

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Color

RGB(158, 255, 158)

Conversions

Conversions Part 1

Format	Color
Hex	9EFF9E
RGB	158, 255, 158
RGB Percent	62%, 100%, 62%
CMY	0.3804, 0.0000, 0.3804
CMYK	0.38, 0.00, 0.38, 0.00
HSL	120°, 100%, 81%
HSV	120°, 38%, 100%
XYZ	56.0321, 81.2577, 45.0789
YIQ	214.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

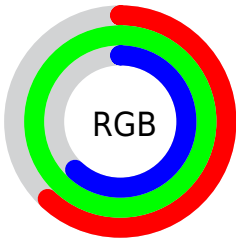
Format	Color
RYB	158, 255, 255
Decimal	10420126
CIELab	92.25, -47.33, 37.57
CIELCh	92, 60.430, 141.560
Yxy	81.2577, 0.3072, 0.4456
Android (android.graphics.Color)	4288610206 (0xFF9EFF9E)
YUV	214.9390, -28.0709, -49.9355
Hunter-Lab	90.1431, -46.7964, 33.4503

Details

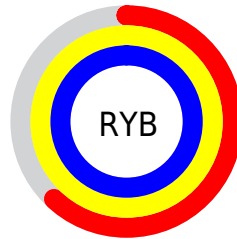
The RGB color **158, 255, 158** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 158, 255**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **216, 255, 213**, and **101, 198, 105** is the 20% darker color. If you saturate the color by 10%, you get **132, 255, 132**, and if you desaturate by 10%, it is **184, 255, 184**.

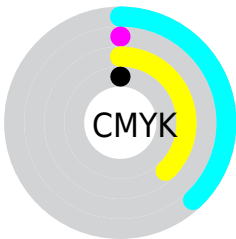
Distribution



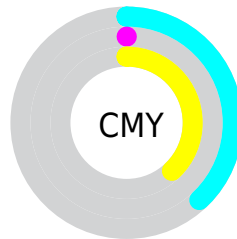
- Red (62%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 158, 255, 158

255, 255, 255

 216, 255, 213

 245, 255, 242


 158, 255, 158

 130, 226, 131

 101, 198, 105


 73, 170, 80


 41, 143, 55

 0, 117, 31

 0, 91, 2

 0, 66, 0

 0, 45, 0

 0, 15, 0

 158, 255, 158

 158, 255, 158

 132, 255, 132

 184, 255, 184

 107, 255, 107


 209, 255, 209

 82, 255, 82

 235, 255, 235

 56, 255, 56

255, 255, 255

 31, 255, 31

 5, 255, 5

 0, 255, 0

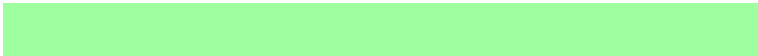
Harmonies

Analogous

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



226, 242, 121



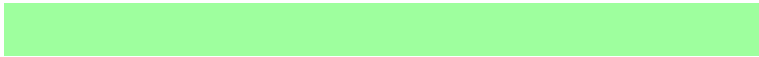
158, 255, 158



47, 255, 214

Triad

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



158, 255, 158



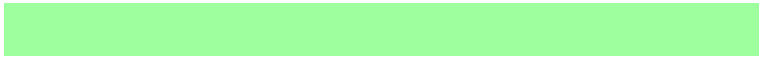
88, 244, 255



255, 187, 193

Complementary

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



158, 255, 158



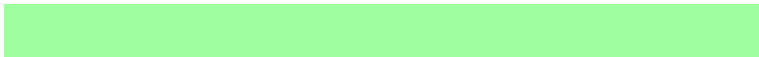
255, 158, 255

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, 252



158, 255, 158



212, 224, 255

Square

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



158, 255, 158



0, 255, 255



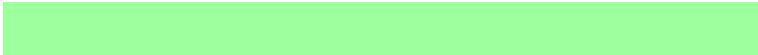
255, 202, 255



255, 203, 144

Rectangle

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



158, 255, 158



0, 255, 254



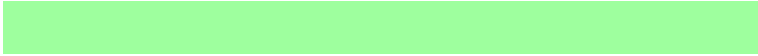
255, 202, 255



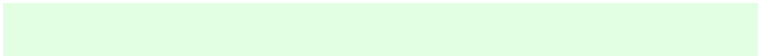
255, 185, 212

Sweetspot

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



158, 255, 158



227, 255, 227



255, 255, 158



111, 128, 111



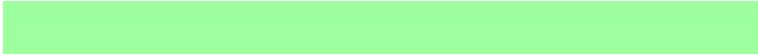
0, 0, 0



128, 128, 128

Same Dimension

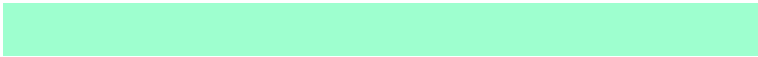
The Same Dimension uses a secret algorithm to generate beautiful new colors.



158, 255, 158



138, 255, 138



158, 255, 207



115, 128, 115



0, 191, 0



0, 64, 0

Inverse Universe

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



255, 158, 255



255, 138, 255



255, 158, 207



128, 115, 128



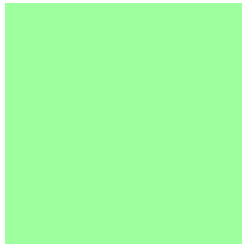
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RGB color 158, 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 158, 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

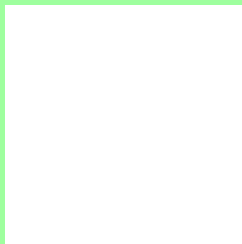
Any Text WCAG AAA ✓ Pass

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

RGB 158, 255, 158 Background



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



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



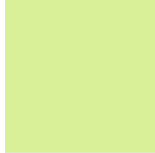


Tritanopia
193, 240, 255

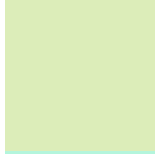
Trichromacy



Original Color
158, 255, 158



Protanomaly
218, 240, 152



Deuteranomaly
220, 237, 185

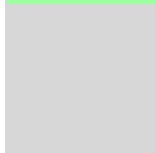


Tritanomaly
180, 245, 220

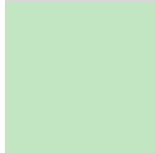
Monochromacy



Original Color
158, 255, 158



Achromatopsia
215, 215, 215



Achromatomaly
194, 230, 194

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(158, 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(158, 255, 158) colored shadow looks like.

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

Border

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

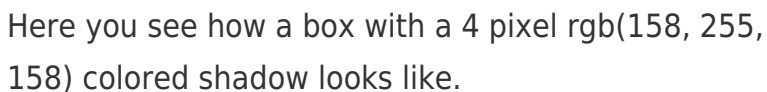
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

```
.border{ border-color:rgb(158, 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(158, 255, 158)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 158, 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(158, 255, 158) }
```

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

```
.background{ background-color: rgb(158,  
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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