

Converting Colors

RGB(158, 250, 132)

Have a look what the booklet for
RGB(158, 250, 132) contains.

RGB(158, 250, 132)	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(158, 250, 132)

Conversions

Conversions Part 1

Format	Color
Hex	9EFA84
RGB	158, 250, 132
RGB Percent	62%, 98%, 52%
CMY	0.3804, 0.0196, 0.4824
CMYK	0.37, 0.00, 0.47, 0.02
HSL	107°, 92%, 75%
HSV	107°, 47%, 98%
XYZ	52.4510, 77.3063, 33.9869
YIQ	209.0400, -16.9540, -56.2020

Conversions

Conversions Part 2

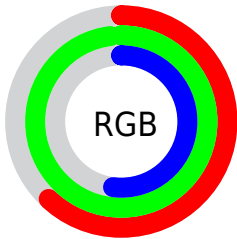
Format	Color
RYB	132, 250, 224
Decimal	10418820
CIELab	90.46, -48.77, 47.89
CIELCh	90, 68.351, 135.525
Yxy	77.3063, 0.3203, 0.4721
Android (android.graphics.Color)	4288608900 (0xFF9EFA84)
YUV	209.0400, -37.9807, -44.7621
Hunter-Lab	87.9240, -47.3829, 38.6283

Details

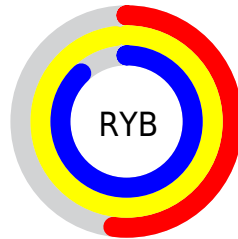
The RGB color **158, 250, 132** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **224, 132, 250**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **216, 255, 187**, and **101, 193, 79** is the 20% darker color. If you saturate the color by 10%, you get **139, 250, 107**, and if you desaturate by 10%, it is **177, 250, 157**.

Distribution



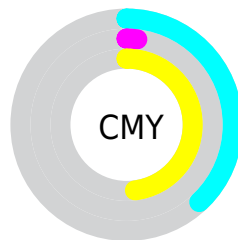
- Red (62%)
- Green (98%)
- Blue (52%)



- Red (52%)
- Yellow (98%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (47%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 250, 132 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, 250, 132 by changing the saturation by 10% instead.

 158, 250, 132

255, 255, 255


 216, 255, 187


 246, 255, 215


 255, 255, 244


 158, 250, 132

 130, 221, 105

 101, 193, 79

 72, 165, 53

 40, 138, 25

 0, 112, 0

 0, 87, 0

 0, 62, 0

 0, 41, 0

 0, 3, 0

 158, 250, 132


 158, 250, 132

 139, 250, 107

 177, 250, 157

 119, 250, 82


 197, 250, 182

 100, 250, 57


 216, 250, 207

 80, 250, 32

 236, 250, 232

 61, 250, 7

 255, 250, 255

 55, 250, 0

Harmonies

Analogous

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



232, 235, 94



158, 250, 132



0, 255, 193

Triad

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



158, 250, 132



0, 244, 255



255, 172, 196

Complementary

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



158, 250, 132



224, 132, 250

Split Complementary

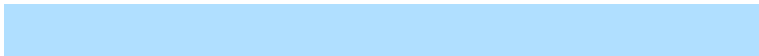
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 175, 255



158, 250, 132



176, 223, 255

Square

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



158, 250, 132



0, 255, 255



255, 197, 255



255, 188, 137

Rectangle

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



158, 250, 132



0, 255, 238



255, 197, 255



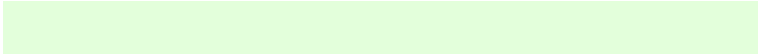
255, 170, 218

Sweetspot

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



158, 250, 132



227, 255, 219



250, 222, 132



111, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



158, 250, 132



142, 255, 110



132, 250, 163



115, 125, 112



42, 189, 0



13, 61, 0

Inverse Universe

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



224, 132, 250



223, 110, 255



250, 132, 219



122, 112, 125



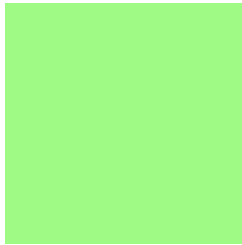
147, 0, 189



48, 0, 61

Previews

White Background



This preview shows how the RGB color 158, 250, 132 looks on a white background.

Color Contrast Check

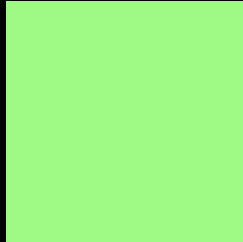
Large Text (above 18pt) WCAG AA × Fail

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, 250, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

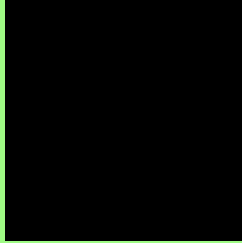
Any Text WCAG AA ✓ Pass

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, 250, 132 Background



This preview shows how black text looks on a background with the RGB color 158, 250, 132.

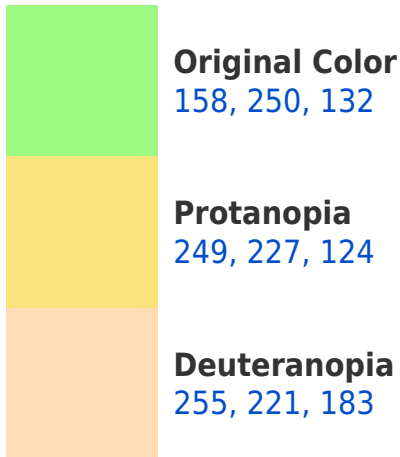


This preview shows how white text looks on a background with the RGB color 158, 250, 132.

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





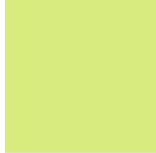
Tritanopia
180, 236, 255

Trichromacy



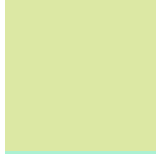
Original Color

158, 250, 132



Protanomaly

216, 235, 127



Deuteranomaly

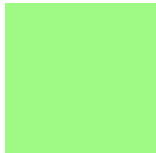
220, 232, 164



Tritanomaly

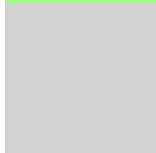
172, 241, 210

Monochromacy



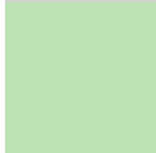
Original Color

158, 250, 132



Achromatopsia

209, 209, 209



Achromatomaly

190, 224, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 250, 132 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, 250, 132)` looks like.

```
.text, #text, p{  
    color:rgb(158, 250, 132)  
}
```

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, 250, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 250, 132) }
```

Border

The CSS property to change the border of an element to RGB 158, 250, 132 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, 250, 132) }
```

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

```
.border{ border-color:rgb(158, 250, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 250, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 250, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 250, 132);  
box-shadow:4px 4px 4px 4px rgb(158, 250,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 158, 250, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 250, 132) }
```

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

```
.background{ background-color: rgb(158,  
250, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor