

Converting Colors

RGB(163, 255, 138)

Have a look what the booklet for
RGB(163, 255, 138) contains.

RGB(163, 255, 138)	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(163, 255, 138)

Conversions

Conversions Part 1

Format	Color
Hex	A3FF8A
RGB	163, 255, 138
RGB Percent	64%, 100%, 54%
CMY	0.3608, 0.0000, 0.4588
CMYK	0.36, 0.00, 0.46, 0.00
HSL	107°, 100%, 77%
HSV	107°, 46%, 100%
XYZ	55.4517, 81.1415, 36.7840
YIQ	214.1540, -17.2750, -55.8910

Conversions

Conversions Part 2

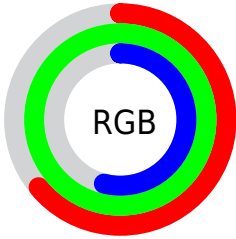
Format	Color
RYB	138, 255, 230
Decimal	10747786
CIELab	92.19, -48.56, 47.25
CIELCh	92, 67.755, 135.785
Yxy	81.1415, 0.3198, 0.4680
Android (android.graphics.Color)	4288937866 (0xFFA3FF8A)
YUV	214.1540, -37.5439, -44.8621
Hunter-Lab	90.0786, -47.7542, 38.8436

Details

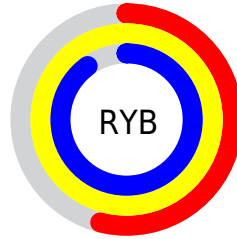
The RGB color **163, 255, 138** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **230, 138, 255**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **221, 255, 193**, and **106, 198, 85** is the 20% darker color. If you saturate the color by 10%, you get **143, 255, 113**, and if you desaturate by 10%, it is **183, 255, 163**.

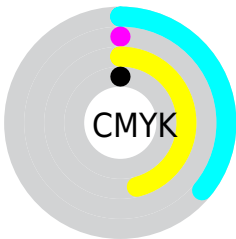
Distribution



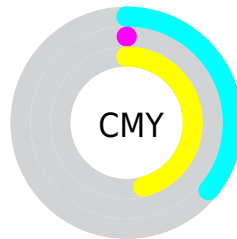
- Red (64%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (90%)



- Cyan (36%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 255, 138 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 163, 255, 138 by changing the saturation by 10% instead.

 163, 255, 138

255, 255, 255


 221, 255, 193

 251, 255, 222

 255, 255, 251

 163, 255, 138

 135, 226, 111

 106, 198, 85

 77, 170, 59

 47, 143, 33

 0, 117, 0

 0, 91, 0

 0, 67, 0

 0, 45, 0


 0, 14, 0

 163, 255, 138


 163, 255, 138

 143, 255, 113

 183, 255, 163

 123, 255, 87

 203, 255, 189

 103, 255, 62

 223, 255, 215

 83, 255, 36

 243, 255, 240

 63, 255, 11

255, 255, 255

 54, 255, 0

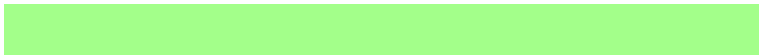
Harmonies

Analogous

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



237, 240, 101



163, 255, 138



15, 255, 198

Triad

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



163, 255, 138



0, 248, 255



255, 177, 201

Complementary

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



163, 255, 138



230, 138, 255

Split Complementary

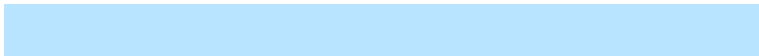
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 181, 255



163, 255, 138



184, 228, 255

Square

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



163, 255, 138



0, 255, 255



255, 202, 255



255, 194, 142

Rectangle

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



163, 255, 138



0, 255, 244



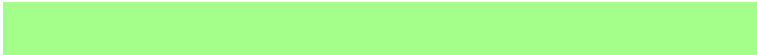
255, 202, 255



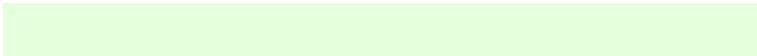
255, 176, 222

Sweetspot

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



163, 255, 138



227, 255, 219



255, 230, 138



110, 128, 106



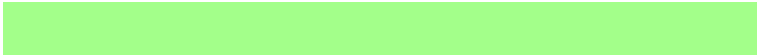
0, 0, 0



128, 128, 128

Same Dimension

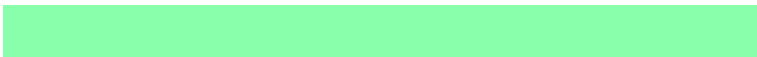
The Same Dimension uses a secret algorithm to generate beautiful new colors.



163, 255, 138



145, 255, 115



138, 255, 171



117, 128, 115



41, 191, 0



14, 64, 0

Inverse Universe

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



230, 138, 255



225, 115, 255



255, 138, 222



125, 115, 128



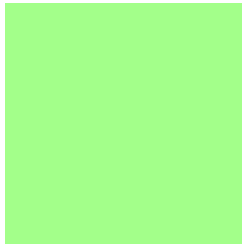
150, 0, 191



50, 0, 64

Previews

White Background



This preview shows how the RGB color 163, 255, 138 looks on a white background.

Color Contrast Check

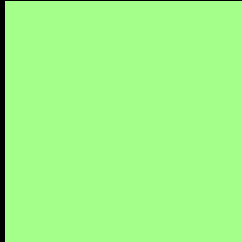
Large Text (above 18pt) WCAG AA × Fail

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 163, 255, 138 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 163, 255, 138 Background



This preview shows how black text looks on a background with the RGB color 163, 255, 138.

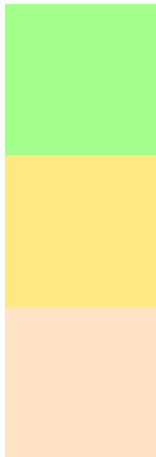


This preview shows how white text looks on a background with the RGB color 163, 255, 138.

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
163, 255, 138

Protanopia
254, 232, 130

Deuteranopia
255, 227, 197

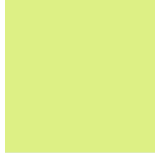


Tritanopia
195, 239, 255

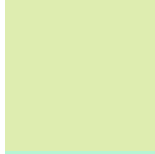
Trichromacy



Original Color
163, 255, 138



Protanomaly
221, 240, 133

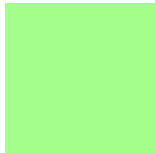


Deuteranomaly
222, 237, 176

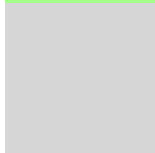


Tritanomaly
183, 245, 212

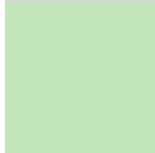
Monochromacy



Original Color
163, 255, 138



Achromatopsia
214, 214, 214



Achromatomaly
195, 229, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 255, 138 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(163, 255, 138)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 138)  
}
```

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(163, 255, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 138) }
```

Border

The CSS property to change the border of an element to RGB 163, 255, 138 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(163, 255, 138) }
```

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

```
.border{ border-color:rgb(163, 255, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 138);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 163, 255, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 138) }
```

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

```
.background{ background-color: rgb(163,  
255, 138) }
```

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