

Converting Colors

RGB(118, 255, 133)

Have a look what the booklet for
RGB(118, 255, 133) contains.

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Color

RGB(118, 255, 133)

Conversions

Conversions Part 1

Format	Color
Hex	76FF85
RGB	118, 255, 133
RGB Percent	46%, 100%, 52%
CMY	0.5373, 0.0000, 0.4784
CMYK	0.54, 0.00, 0.48, 0.00
HSL	127°, 100%, 73%
HSV	127°, 54%, 100%
XYZ	47.4649, 77.0650, 34.5637
YIQ	200.1290, -42.4900, -66.9860

Conversions

Conversions Part 2

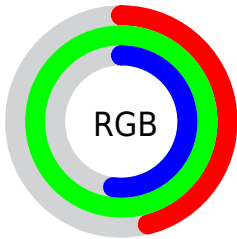
Format	Color
R_{YB}	118, 241, 255
Decimal	7798661
CIE _{Lab}	90.35, -61.72, 46.93
CIE _{LCh}	90, 77.541, 142.752
Yxy	77.0650, 0.2983, 0.4844
Android (android.graphics.Color)	4285988741 (0xFF76FF85)
YUV	200.1290, -33.0946, -72.0271
Hunter-Lab	87.7867, -57.1146, 38.1068

Details

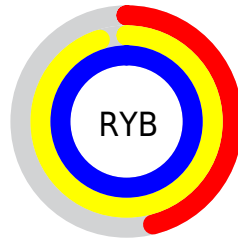
The RGB color **118, 255, 133** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **255, 118, 240**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **179, 255, 188**, and **50, 197, 80** is the 20% darker color. If you saturate the color by 10%, you get **93, 255, 110**, and if you desaturate by 10%, it is **144, 255, 156**.

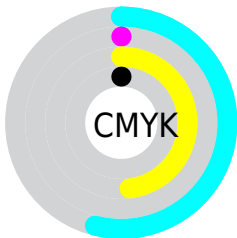
Distribution



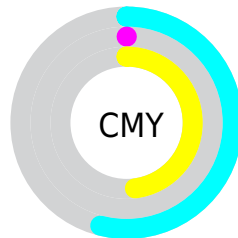
- Red (46%)
- Green (100%)
- Blue (52%)



- Red (46%)
- Yellow (95%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 255, 133 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 118, 255, 133 by changing the saturation by 10% instead.

 118, 255, 133

255, 255, 255


 179, 255, 188

 209, 255, 216

 239, 255, 245

 118, 255, 133

 86, 226, 106

 50, 197, 80

 0, 169, 54

 0, 142, 27

 0, 115, 0

 0, 89, 0

 0, 64, 0

 0, 41, 0

 0, 2, 0

■ 118, 255, 133

■ 118, 255, 133

■ 93, 255, 110

■ 144, 255, 156

■ 67, 255, 88

■ 169, 255, 178

■ 42, 255, 65

■ 195, 255, 201

■ 16, 255, 42

■ 220, 255, 224

■ 0, 255, 28

■ 246, 255, 247

255, 255, 255

Harmonies

Analogous

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



212, 240, 79



118, 255, 133



0, 255, 206

Triad

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



118, 255, 133



0, 241, 255



255, 164, 174

Complementary

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



118, 255, 133



255, 118, 240

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, 161, 249



118, 255, 133



198, 215, 255

Square

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



118, 255, 133



0, 255, 255



255, 184, 255



255, 188, 110

Rectangle

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



118, 255, 133



0, 255, 255



255, 184, 255



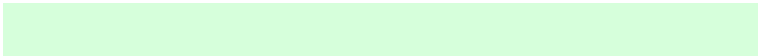
255, 160, 199

Sweetspot

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



118, 255, 133



214, 255, 219



241, 255, 118



103, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



118, 255, 133



92, 255, 110



118, 255, 200



115, 128, 116



0, 191, 21



0, 64, 7

Inverse Universe

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



255, 118, 240



255, 92, 237



255, 118, 173



128, 115, 126



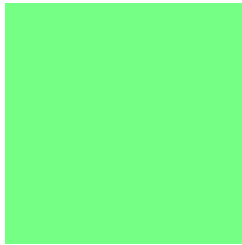
191, 0, 170



64, 0, 57

Previews

White Background



This preview shows how the RGB color 118, 255, 133 looks on a white background.

Color Contrast Check

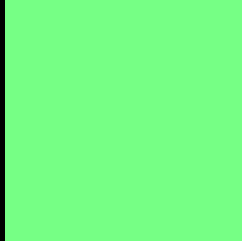
Large Text (above 18pt) WCAG AA × Fail

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 118, 255, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

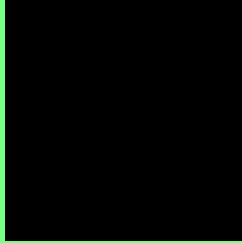
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

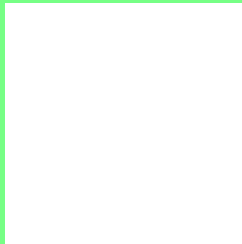
Any Text WCAG AAA ✓ Pass

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

RGB 118, 255, 133 Background



This preview shows how black text looks on a background with the RGB color 118, 255, 133.

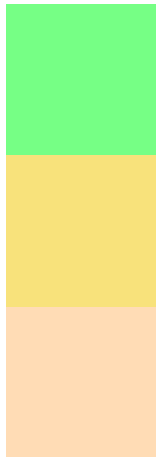


This preview shows how white text looks on a background with the RGB color 118, 255, 133.

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
118, 255, 133

Protanopia
248, 226, 123

Deuteranopia
255, 220, 181



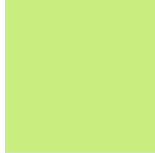
Tritanopia
164, 238, 255

Trichromacy



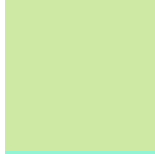
Original Color

118, 255, 133



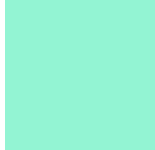
Protanomaly

201, 237, 127



Deuteranomaly

205, 233, 164



Tritanomaly

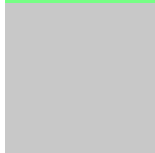
147, 244, 211

Monochromacy



Original Color

118, 255, 133



Achromatopsia

200, 200, 200



Achromatomaly

170, 220, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 255, 133 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(118, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(118, 255, 133)  
}
```

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(118, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 255, 133) }
```

Border

The CSS property to change the border of an element to RGB 118, 255, 133 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(118, 255, 133) }
```

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

```
.border{ border-color:rgb(118, 255, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 255, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(118, 255,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 118, 255, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 255, 133) }
```

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

```
.background{ background-color: rgb(118,  
255, 133) }
```

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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