

Converting Colors

RGB(108, 235, 114)

Have a look what the booklet for
RGB(108, 235, 114) contains.

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Color

RGB(108, 235, 114)

Conversions

Conversions Part 1

Format	Color
Hex	6CEB72
RGB	108, 235, 114
RGB Percent	42%, 92%, 45%
CMY	0.5765, 0.0784, 0.5529
CMYK	0.54, 0.00, 0.51, 0.08
HSL	123°, 76%, 67%
HSV	123°, 54%, 92%
XYZ	38.9299, 63.8197, 26.1862
YIQ	183.2330, -36.8510, -64.5550

Conversions

Conversions Part 2

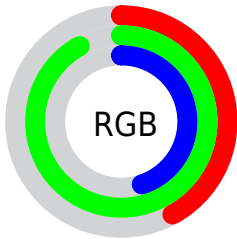
Format	Color
RYB	108, 229, 235
Decimal	7138162
CIELab	83.87, -59.16, 47.82
CIELCh	84, 76.068, 141.052
Yxy	63.8197, 0.3019, 0.4950
Android (android.graphics.Color)	4285328242 (0xFF6CEB72)
YUV	183.2330, -34.1319, -65.9793
Hunter-Lab	79.8872, -52.8176, 36.4864

Details

The RGB color **108, 235, 114** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **235, 108, 229**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **168, 255, 168**, and **39, 178, 62** is the 20% darker color. If you saturate the color by 10%, you get **85, 235, 92**, and if you desaturate by 10%, it is **132, 235, 136**.

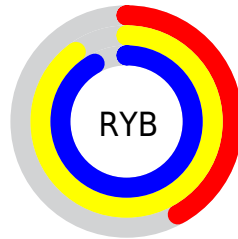
Distribution



Red (42%)

Green (92%)

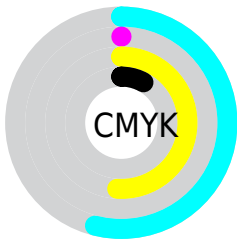
Blue (45%)



Red (42%)

Yellow (90%)

Blue (92%)

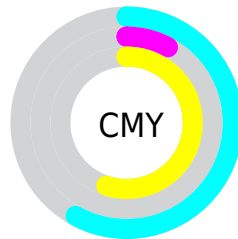


Cyan (54%)

Magenta (0%)

Yellow (51%)

Black (8%)



Cyan (58%)

Magenta (8%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 235, 114 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, 235, 114 by changing the saturation by 10% instead.

 108, 235, 114

255, 255, 255


 168, 255, 168


 198, 255, 196


 228, 255, 225


255, 255, 254

 108, 235, 114

 76, 206, 88

 39, 178, 62

 0, 151, 35

 0, 124, 0

 0, 98, 0

 0, 72, 0

 0, 50, 0

 0, 22, 0

 0, 0, 0

■ 108, 235, 114

■ 108, 235, 114

■ 85, 235, 92

■ 132, 235, 136

■ 61, 235, 69

■ 155, 235, 159

■ 37, 235, 47

■ 179, 235, 181

■ 14, 235, 24

■ 202, 235, 204

■ 0, 235, 11

■ 226, 235, 226

■ 249, 235, 248

■ 255, 235, 255

Harmonies

Analogous

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



198, 221, 61



108, 235, 114



0, 242, 184

Triad

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



108, 235, 114



0, 224, 255



255, 145, 162

Complementary

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



108, 235, 114



235, 108, 229

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, 144, 234



108, 235, 114



171, 199, 255

Square

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



108, 235, 114



0, 238, 255



255, 168, 255



255, 169, 99

Rectangle

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



108, 235, 114



0, 244, 234



255, 168, 255



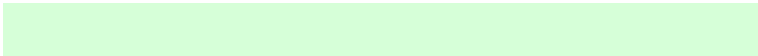
255, 142, 185

Sweetspot

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



108, 235, 114



214, 255, 216



231, 235, 108



103, 128, 104



0, 0, 0



128, 128, 128

Same Dimension

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



108, 235, 114



89, 255, 97



108, 235, 176



106, 117, 106



0, 181, 9



0, 54, 3

Inverse Universe

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



235, 108, 229



255, 89, 247



235, 108, 167



117, 106, 117



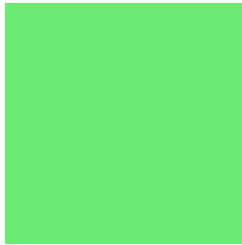
181, 0, 172



54, 0, 51

Previews

White Background



This preview shows how the RGB color 108, 235, 114 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, 235, 114 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, 235, 114 Background



This preview shows how black text looks on a background with the RGB color 108, 235, 114.

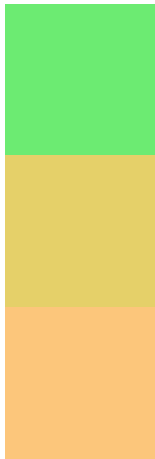


This preview shows how white text looks on a background with the RGB color 108, 235, 114.

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
108, 235, 114

Protanopia
229, 208, 105

Deuteranopia
252, 198, 123



Tritanopia
137, 221, 239

Trichromacy



Original Color

108, 235, 114



Protanomaly

185, 218, 108



Deuteranomaly

200, 211, 120



Tritanomaly

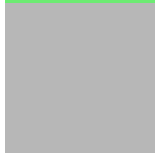
126, 226, 194

Monochromacy



Original Color

108, 235, 114



Achromatopsia

183, 183, 183



Achromatomaly

156, 202, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 235, 114 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, 235, 114)` looks like.

```
.text, #text, p{  
    color:rgb(108, 235, 114)  
}
```

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, 235, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 235, 114) }
```

Border

The CSS property to change the border of an element to RGB 108, 235, 114 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, 235, 114) }
```

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

```
.border{ border-color:rgb(108, 235, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 235, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 235, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 235, 114);  
box-shadow:4px 4px 4px 4px rgb(108, 235,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 108, 235, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 235, 114) }
```

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

```
.background{ background-color: rgb(108,  
235, 114) }
```

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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