

Converting Colors

RGB(103, 253, 110)

Have a look what the booklet for
RGB(103, 253, 110) contains.

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Color

RGB(103, 253, 110)

Conversions

Conversions Part 1

Format	Color
Hex	67FD6E
RGB	103, 253, 110
RGB Percent	40%, 99%, 43%
CMY	0.5961, 0.0078, 0.5686
CMYK	0.59, 0.00, 0.57, 0.01
HSL	123°, 97%, 70%
HSV	123°, 59%, 99%
XYZ	43.5333, 74.2599, 26.7910
YIQ	191.8480, -43.4970, -76.2730

Conversions

Conversions Part 2

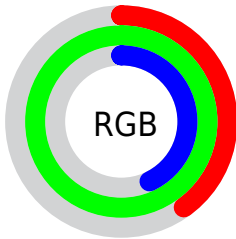
Format	Color
RYB	103, 246, 253
Decimal	6815086
CIELab	89.05, -67.36, 55.79
CIELCh	89, 87.465, 140.370
Yxy	74.2599, 0.3011, 0.5136
Android (android.graphics.Color)	4285005166 (0xFF67FD6E)
YUV	191.8480, -40.3511, -77.9197
Hunter-Lab	86.1742, -60.6306, 41.8890

Details

The RGB color **103, 253, 110** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **253, 103, 246**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **166, 255, 165**, and **11, 195, 55** is the 20% darker color. If you saturate the color by 10%, you get **78, 253, 86**, and if you desaturate by 10%, it is **128, 253, 134**.

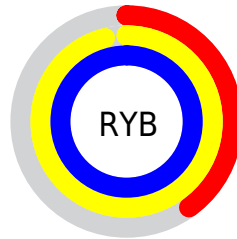
Distribution



Red (40%)

Green (99%)

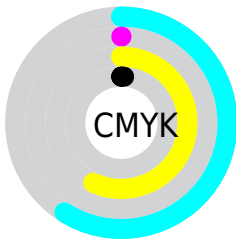
Blue (43%)



Red (40%)

Yellow (96%)

Blue (99%)

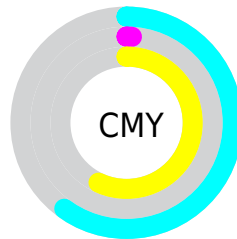


Cyan (59%)

Magenta (0%)

Yellow (57%)

Black (1%)



Cyan (60%)

Magenta (1%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 253, 110 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 103, 253, 110 by changing the saturation by 10% instead.

 103, 253, 110

255, 255, 255

 166, 255, 165


 197, 255, 193

 228, 255, 222


 255, 255, 251


 103, 253, 110

 68, 224, 83

 11, 195, 55

 0, 167, 24

 0, 140, 0

 0, 113, 0

 0, 87, 0

 0, 62, 0

 0, 37, 0

 0, 0, 0

■ 103, 253, 110

■ 103, 253, 110

■ 78, 253, 86

■ 128, 253, 134

■ 52, 253, 62

■ 154, 253, 158

■ 27, 253, 38

■ 179, 253, 182

■ 2, 253, 14

■ 204, 253, 206

■ 0, 253, 12

■ 230, 253, 231

255, 253, 255

255, 253, 255

Harmonies

Analogous

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



211, 237, 39



103, 253, 110



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.



103, 253, 110



0, 241, 255



255, 146, 171

Complementary

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



103, 253, 110



253, 103, 246

Split Complementary

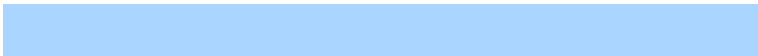
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 145, 254



103, 253, 110



170, 213, 255

Square

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



103, 253, 110



0, 255, 255



255, 175, 255



255, 176, 96

Rectangle

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



103, 253, 110



0, 255, 251



255, 175, 255



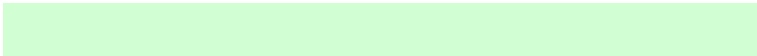
255, 141, 198

Sweetspot

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



103, 253, 110



209, 255, 211



248, 253, 103



99, 128, 101



0, 0, 0



128, 128, 128

Same Dimension

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



103, 253, 110



74, 255, 82



103, 253, 183



115, 128, 115



0, 191, 9



0, 64, 3

Inverse Universe

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



253, 103, 246



255, 74, 247



253, 103, 173



128, 115, 127



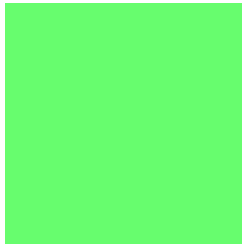
191, 0, 182



64, 0, 61

Previews

White Background



This preview shows how the RGB color 103, 253, 110 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 103, 253, 110 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

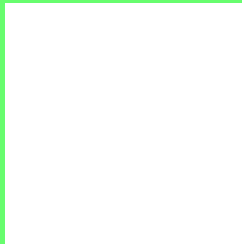
Any Text WCAG AAA ✓ Pass

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

RGB 103, 253, 110 Background



This preview shows how black text looks on a background with the RGB color 103, 253, 110.

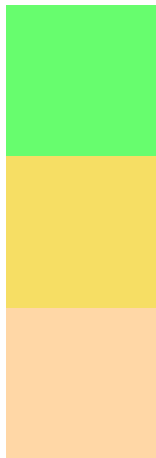


This preview shows how white text looks on a background with the RGB color 103, 253, 110.

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
103, 253, 110

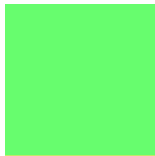
Protanopia
246, 222, 100

Deuteranopia
255, 215, 166

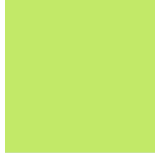


Tritanopia
145, 237, 255

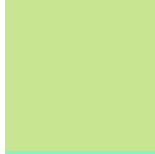
Trichromacy



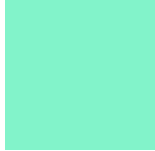
Original Color
103, 253, 110



Protanomaly
194, 233, 104

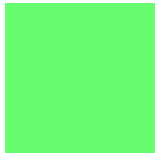


Deuteranomaly
200, 229, 146

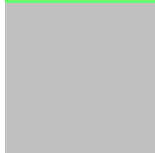


Tritanomaly
130, 243, 202

Monochromacy



Original Color
103, 253, 110



Achromatopsia
192, 192, 192



Achromatomaly
160, 214, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 253, 110 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(103, 253, 110)` looks like.

```
.text, #text, p{  
    color:rgb(103, 253, 110)  
}
```

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(103, 253, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 253, 110) }
```

Border

The CSS property to change the border of an element to RGB 103, 253, 110 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(103, 253, 110) }
```

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

```
.border{ border-color:rgb(103, 253, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 253, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 253, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 253, 110);  
box-shadow:4px 4px 4px 4px rgb(103, 253,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 103, 253, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 253, 110) }
```

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

```
.background{ background-color: rgb(103,  
253, 110) }
```

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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