

Converting Colors

RGB(100, 249, 103)

Have a look what the booklet for
RGB(100, 249, 103) contains.

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Color

RGB(100, 249, 103)

Conversions

Conversions Part 1

Format	Color
Hex	64F967
RGB	100, 249, 103
RGB Percent	39%, 98%, 40%
CMY	0.6078, 0.0235, 0.5961
CMYK	0.60, 0.00, 0.59, 0.02
HSL	121°, 93%, 68%
HSV	121°, 60%, 98%
XYZ	41.5794, 71.4400, 24.4298
YIQ	187.8050, -41.9380, -76.9940

Conversions

Conversions Part 2

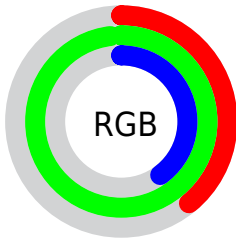
Format	Color
RYB	100, 246, 249
Decimal	6617447
CIELab	87.70, -67.41, 57.26
CIElCh	88, 88.449, 139.656
Yxy	71.4400, 0.3025, 0.5198
Android (android.graphics.Color)	4284807527 (0xFF64F967)
YUV	187.8050, -41.8089, -77.0050
Hunter-Lab	84.5222, -60.1034, 42.0287

Details

The RGB color **100, 249, 103** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **249, 100, 246**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **163, 255, 158**, and **0, 191, 47** is the 20% darker color. If you saturate the color by 10%, you get **75, 249, 79**, and if you desaturate by 10%, it is **125, 249, 127**.

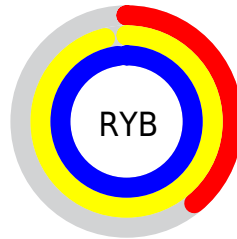
Distribution



Red (39%)

Green (98%)

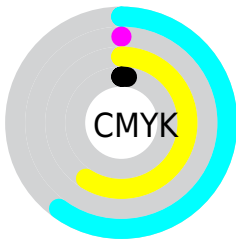
Blue (40%)



Red (39%)

Yellow (96%)

Blue (98%)

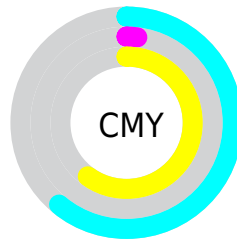


Cyan (60%)

Magenta (0%)

Yellow (59%)

Black (2%)



Cyan (61%)

Magenta (2%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 249, 103 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 100, 249, 103 by changing the saturation by 10% instead.

 100, 249, 103

255, 255, 255

 163, 255, 158


 194, 255, 186

 225, 255, 215


 255, 255, 244

 100, 249, 103

 64, 220, 76

 0, 191, 47

 0, 163, 11

 0, 136, 0

 0, 109, 0

 0, 83, 0

 0, 59, 0

 0, 34, 0

 0, 0, 0

 100, 249, 103

 100, 249, 103

 75, 249, 79

 125, 249, 127

 50, 249, 54

 150, 249, 152

 25, 249, 30

 175, 249, 176

 0, 249, 5

 200, 249, 201

 0, 249, 5

 225, 249, 225

 249, 249, 249

 255, 249, 255

Harmonies

Analogous

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



208, 232, 26



100, 249, 103



0, 255, 187

Triad

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



100, 249, 103



0, 238, 255



255, 140, 168

Complementary

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



100, 249, 103



249, 100, 246

Split Complementary

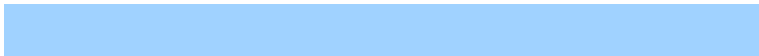
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 139, 253



100, 249, 103



160, 210, 255

Square

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



100, 249, 103



0, 254, 255



255, 172, 255



255, 170, 92

Rectangle

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



100, 249, 103



0, 255, 246



255, 172, 255



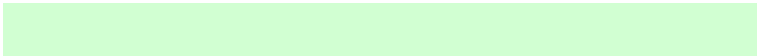
255, 135, 196

Sweetspot

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



100, 249, 103



209, 255, 210



247, 249, 100



99, 128, 100



0, 0, 0



128, 128, 128

Same Dimension

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



100, 249, 103



71, 255, 75



100, 249, 177



112, 125, 113



0, 189, 4



0, 61, 1

Inverse Universe

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



249, 100, 246



255, 71, 251



249, 100, 172



125, 112, 125



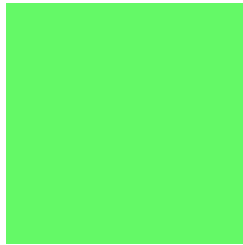
189, 0, 185



61, 0, 60

Previews

White Background



This preview shows how the RGB color 100, 249, 103 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 100, 249, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

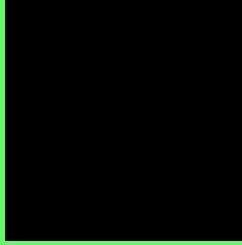
Any Text WCAG AA ✓ Pass

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 100, 249, 103 Background



This preview shows how black text looks on a background with the RGB color 100, 249, 103.

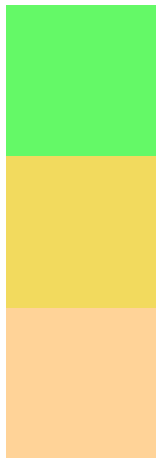


This preview shows how white text looks on a background with the RGB color 100, 249, 103.

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
100, 249, 103

Protanopia
242, 218, 94

Deuteranopia
255, 211, 152



Tritanopia
136, 234, 253

Trichromacy



Original Color

100, 249, 103



Protanomaly

190, 229, 97



Deuteranomaly

199, 225, 134



Tritanomaly

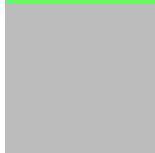
123, 239, 198

Monochromacy



Original Color

100, 249, 103



Achromatopsia

188, 188, 188



Achromatomaly

156, 210, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 249, 103 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(100, 249, 103)` looks like.

```
.text, #text, p{  
    color:rgb(100, 249, 103)  
}
```

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(100, 249, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 249, 103) }
```

Border

The CSS property to change the border of an element to RGB 100, 249, 103 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(100, 249, 103) }
```

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

```
.border{ border-color:rgb(100, 249, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 249, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 249, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 249, 103);  
box-shadow:4px 4px 4px 4px rgb(100, 249,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 100, 249, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 249, 103) }
```

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

```
.background{ background-color: rgb(100,  
249, 103) }
```

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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