

Converting Colors

RGB(95, 212, 103)

Have a look what the booklet for
RGB(95, 212, 103) contains.

RGB(95, 212, 103)	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(95, 212, 103)

Conversions

Conversions Part 1

Format	Color
Hex	5FD467
RGB	95, 212, 103
RGB Percent	37%, 83%, 40%
CMY	0.6275, 0.1686, 0.5961
CMYK	0.55, 0.00, 0.51, 0.17
HSL	124°, 58%, 60%
HSV	124°, 55%, 83%
XYZ	30.7110, 50.4991, 20.9606
YIQ	164.5910, -34.7430, -58.7030

Conversions

Conversions Part 2

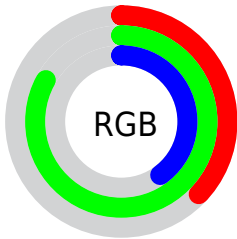
Format	Color
RYB	95, 205, 212
Decimal	6280295
CIELab	76.37, -55.07, 43.79
CIElCh	76, 70.352, 141.510
Yxy	50.4991, 0.3006, 0.4943
Android (android.graphics.Color)	4284470375 (0xFF5FD467)
YUV	164.5910, -30.3644, -61.0313
Hunter-Lab	71.0627, -47.2180, 32.2558

Details

The RGB color **95, 212, 103** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **212, 95, 204**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **154, 255, 156**, and **23, 156, 52** is the 20% darker color. If you saturate the color by 10%, you get **74, 212, 83**, and if you desaturate by 10%, it is **116, 212, 123**.

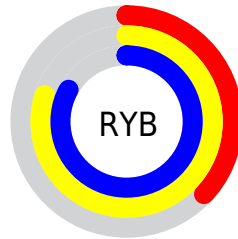
Distribution



Red (37%)

Green (83%)

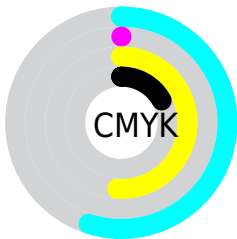
Blue (40%)



Red (37%)

Yellow (80%)

Blue (83%)

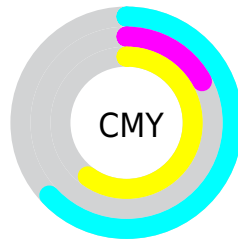


Cyan (55%)

Magenta (0%)

Yellow (51%)

Black (17%)



Cyan (63%)

Magenta (17%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 212, 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 95, 212, 103 by changing the saturation by 10% instead.

 95, 212, 103

255, 255, 255

 154, 255, 156

 183, 255, 184


 213, 255, 212

 243, 255, 241

 95, 212, 103

 63, 184, 77

 23, 156, 52

 0, 129, 25

 0, 103, 0

 0, 78, 0

 0, 54, 0

 0, 30, 0

 0, 0, 0

 95, 212, 103

 95, 212, 103

 74, 212, 83

 116, 212, 123

 53, 212, 63

 137, 212, 143


 31, 212, 44

 159, 212, 162

 10, 212, 24

 180, 212, 182

 0, 212, 14

 201, 212, 202

 222, 212, 222

 243, 212, 241

 255, 212, 255

Harmonies

Analogous

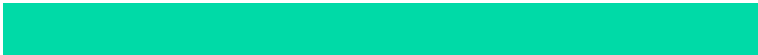
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 199, 55



95, 212, 103



0, 218, 167

Triad

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



95, 212, 103



0, 201, 255



255, 131, 145

Complementary

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



95, 212, 103



212, 95, 204

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, 129, 210



95, 212, 103



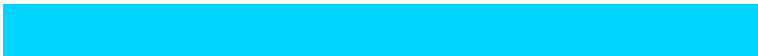
156, 179, 255

Square

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



95, 212, 103



0, 214, 255



249, 151, 255



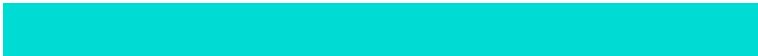
255, 153, 87

Rectangle

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



95, 212, 103



0, 220, 212



249, 151, 255



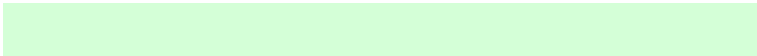
255, 127, 166

Sweetspot

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



95, 212, 103



212, 255, 215



204, 212, 95



102, 128, 104



0, 0, 0



128, 128, 128

Same Dimension

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



95, 212, 103



87, 255, 98



95, 212, 161



96, 107, 97



0, 171, 12



0, 43, 3

Inverse Universe

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



212, 95, 204



255, 87, 243



212, 95, 146



107, 96, 106



171, 0, 159



43, 0, 40

Previews

White Background



This preview shows how the RGB color 95, 212, 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 95, 212, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

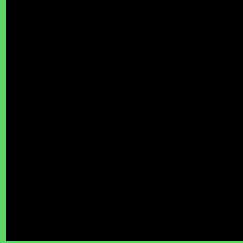
Any Text WCAG AA ✓ Pass

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 95, 212, 103 Background



This preview shows how black text looks on a background with the RGB color 95, 212, 103.

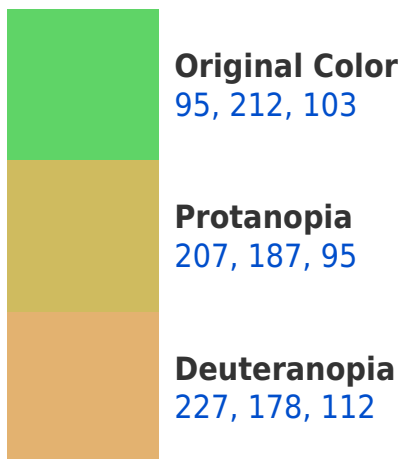


This preview shows how white text looks on a background with the RGB color 95, 212, 103.

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





Tritanopia
122, 200, 216

Trichromacy



Original Color

95, 212, 103



Protanomaly

166, 196, 98



Deuteranomaly

179, 190, 109



Tritanomaly

112, 204, 175

Monochromacy



Original Color

95, 212, 103



Achromatopsia

165, 165, 165



Achromatomaly

140, 182, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 212, 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(95, 212, 103) looks like.

```
.text, #text, p{  
    color:rgb(95, 212, 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(95, 212, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 212, 103) }
```

Border

The CSS property to change the border of an element to RGB 95, 212, 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(95, 212, 103) }
```

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

```
.border{ border-color:rgb(95, 212, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 212, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 212, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 212, 103);  
box-shadow:4px 4px 4px 4px rgb(95, 212,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 95, 212, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 212, 103) }
```

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

```
.background{ background-color: rgb(95, 212,  
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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