

Converting Colors

RGB(103, 195, 127)

Have a look what the booklet for
RGB(103, 195, 127) contains.

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Color

RGB(103, 195, 127)

Conversions

Conversions Part 1

Format	Color
Hex	67C37F
RGB	103, 195, 127
RGB Percent	40%, 76%, 50%
CMY	0.5961, 0.2353, 0.5020
CMYK	0.47, 0.00, 0.35, 0.24
HSL	136°, 43%, 58%
HSV	136°, 47%, 76%
XYZ	28.9394, 43.4461, 26.9393
YIQ	159.7400, -33.0040, -40.6520

Conversions

Conversions Part 2

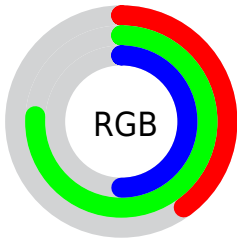
Format	Color
RYB	103, 176, 195
Decimal	6800255
CIELab	71.86, -42.32, 25.92
CIElCh	72, 49.627, 148.513
Yxy	43.4461, 0.2914, 0.4374
Android (android.graphics.Color)	4284990335 (0xFF67C37F)
YUV	159.7400, -16.1408, -49.7610
Hunter-Lab	65.9136, -36.9784, 21.9073

Details

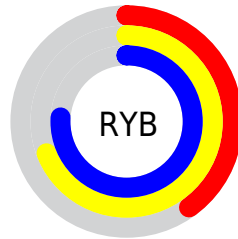
The RGB color **103, 195, 127** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **195, 103, 171**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **159, 252, 180**, and **46, 141, 77** is the 20% darker color. If you saturate the color by 10%, you get **84, 195, 113**, and if you desaturate by 10%, it is **122, 195, 141**.

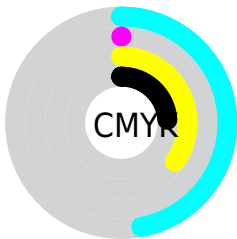
Distribution



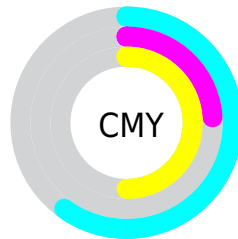
- Red (40%)
- Green (76%)
- Blue (50%)



- Red (40%)
- Yellow (69%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 195, 127 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, 195, 127 by changing the saturation by 10% instead.

 103, 195, 127

255, 255, 255


 159, 252, 180

 187, 255, 208


 216, 255, 236


 246, 255, 255

 103, 195, 127

 75, 167, 102

 46, 141, 77

 2, 114, 54

 0, 89, 31

 0, 65, 8


 0, 43, 0


 0, 13, 0


 0, 0, 0


 103, 195, 127

 103, 195, 127


 84, 195, 113

 122, 195, 141


 64, 195, 98


 142, 195, 156


 44, 195, 84


 162, 195, 170


 25, 195, 69


 181, 195, 185

 6, 195, 55

 201, 195, 199

 0, 195, 51

 220, 195, 213

 240, 195, 228

 255, 195, 242

 255, 195, 255

Harmonies

Analogous

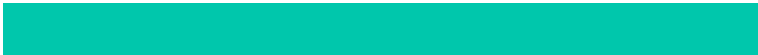
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160, 186, 94



103, 195, 127



0, 199, 172

Triad

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



103, 195, 127



91, 181, 255



255, 142, 135

Complementary

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



103, 195, 127



195, 103, 171

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, 180



103, 195, 127



176, 165, 255

Square

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



103, 195, 127



0, 193, 252



230, 148, 224



241, 156, 100

Rectangle

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



103, 195, 127



0, 199, 203



230, 148, 224



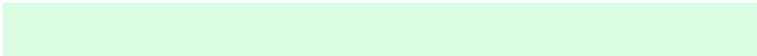
255, 140, 150

Sweetspot

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



103, 195, 127



217, 252, 226



172, 195, 103



106, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



103, 195, 127



109, 252, 146



103, 195, 172



87, 97, 90



0, 161, 42



0, 33, 9

Inverse Universe

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



195, 103, 171



252, 109, 215



195, 103, 126



97, 87, 94



161, 0, 119



33, 0, 25

Previews

White Background



This preview shows how the RGB color 103, 195, 127 looks on a white background.

Color Contrast Check

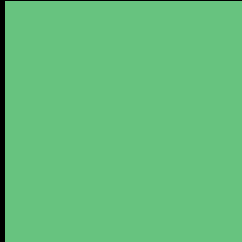
Large Text (above 18pt) WCAG AA × Fail

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, 195, 127 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, 195, 127 Background



This preview shows how black text looks on a background with the RGB color 103, 195, 127.

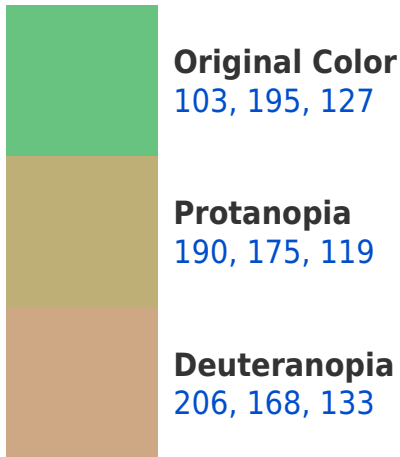


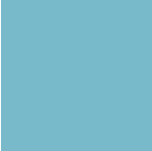
This preview shows how white text looks on a background with the RGB color 103, 195, 127.

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
120, 186, 201

Trichromacy



Original Color

103, 195, 127



Protanomaly

158, 182, 122



Deuteranomaly

169, 178, 131



Tritanomaly

114, 189, 174

Monochromacy



Original Color

103, 195, 127



Achromatopsia

160, 160, 160



Achromatomaly

139, 173, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 195, 127 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, 195, 127)` looks like.

```
.text, #text, p{  
    color:rgb(103, 195, 127)  
}
```

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, 195, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 195, 127) }
```

Border

The CSS property to change the border of an element to RGB 103, 195, 127 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, 195, 127) }
```

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

```
.border{ border-color:rgb(103, 195, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 195, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 195, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 195, 127);  
box-shadow:4px 4px 4px 4px rgb(103, 195,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 103, 195, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 195, 127) }
```

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

```
.background{ background-color: rgb(103,  
195, 127) }
```

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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