

Converting Colors

RGB(38, 194, 127)

Have a look what the booklet for
RGB(38, 194, 127) contains.

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Color

RGB(38, 194, 127)

Conversions

Conversions Part 1

Format	Color
Hex	26C27F
RGB	38, 194, 127
RGB Percent	15%, 76%, 50%
CMY	0.8510, 0.2392, 0.5020
CMYK	0.80, 0.00, 0.35, 0.24
HSL	154°, 67%, 45%
HSV	154°, 80%, 76%
XYZ	23.9219, 40.5279, 26.6405
YIQ	139.7180, -71.4690, -53.9090

Conversions

Conversions Part 2

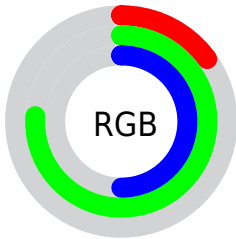
Format	Color
RYB	38, 137, 194
Decimal	2540159
CIELab	69.84, -54.33, 22.92
CIELCh	70, 58.966, 157.130
Yxy	40.5279, 0.2626, 0.4449
Android (android.graphics.Color)	4280730239 (0xFF26C27F)
YUV	139.7180, -6.2700, -89.2067
Hunter-Lab	63.6616, -44.3334, 19.7519

Details

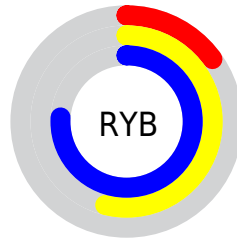
The RGB color **38, 194, 127** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **194, 38, 105**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **110, 252, 180**, and **0, 139, 77** is the 20% darker color. If you saturate the color by 10%, you get **19, 194, 119**, and if you desaturate by 10%, it is **57, 194, 135**.

Distribution



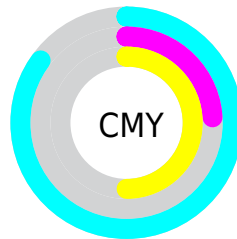
- Red (15%)
- Green (76%)
- Blue (50%)



- Red (15%)
- Yellow (54%)
- Blue (76%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)




















- Cyan (85%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 38, 194, 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 38, 194, 127 by changing the saturation by 10% instead.

 38, 194, 127	 38, 194, 127
 255, 255, 255	 0, 166, 102
 110, 252, 180	 0, 139, 77
 141, 255, 208	 0, 113, 54
 171, 255, 236	 0, 87, 32
 201, 255, 255	 0, 62, 9
 231, 255, 255	 0, 39, 0
	 0, 0, 0

 38, 194, 127	 38, 194, 127
 19, 194, 119	 57, 194, 135

■ 0, 194, 111

■ 77, 194, 144

■ 96, 194, 152

■ 116, 194, 160

■ 135, 194, 169

■ 154, 194, 177

■ 174, 194, 185

■ 193, 194, 194

■ 213, 194, 202

Harmonies

Analogous

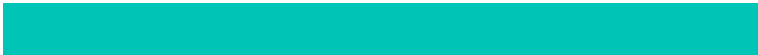
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131, 186, 81



38, 194, 127



0, 197, 182

Triad

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



38, 194, 127



90, 172, 255



255, 133, 109

Complementary

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



38, 194, 127



194, 38, 105

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, 122, 160



38, 194, 127



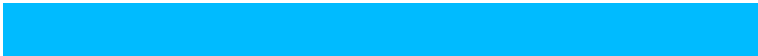
191, 151, 255

Square

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



38, 194, 127



0, 187, 255



246, 131, 213



233, 153, 70

Rectangle

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



38, 194, 127



0, 196, 218



246, 131, 213



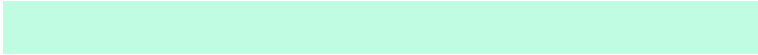
255, 128, 125

Sweetspot

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



38, 194, 127



192, 252, 226



106, 194, 38



91, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



38, 194, 127



10, 252, 148



38, 184, 194



87, 97, 93



0, 161, 92



0, 33, 19

Inverse Universe

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



194, 38, 105



252, 10, 114



194, 48, 38



97, 87, 91



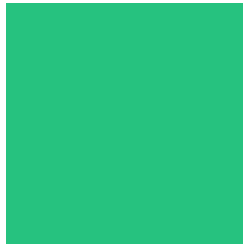
161, 0, 69



33, 0, 14

Previews

White Background



This preview shows how the RGB color 38, 194, 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 38, 194, 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 38, 194, 127 Background



This preview shows how black text looks on a background with the RGB color 38, 194, 127.

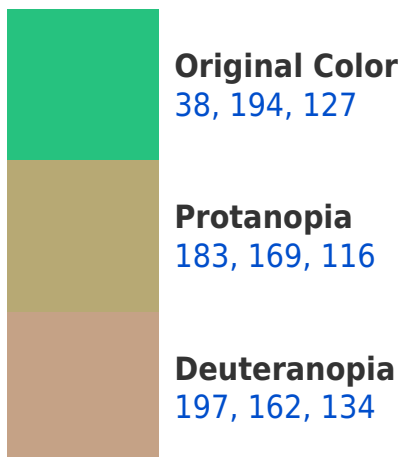


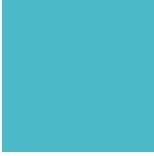
This preview shows how white text looks on a background with the RGB color 38, 194, 127.

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
76, 185, 200

Trichromacy



Original Color

38, 194, 127



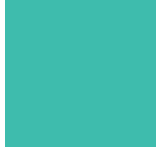
Protanomaly

130, 178, 120



Deuteranomaly

139, 174, 131



Tritanomaly

62, 188, 173

Monochromacy



Original Color

38, 194, 127



Achromatopsia

140, 140, 140



Achromatomaly

103, 160, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 38, 194, 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(38, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(38, 194, 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(38, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 194, 127) }
```

Border

The CSS property to change the border of an element to RGB 38, 194, 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(38, 194, 127) }
```

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

```
.border{ border-color:rgb(38, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(38, 194,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 38, 194, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 194, 127) }
```

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

```
.background{ background-color: rgb(38, 194,  
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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