

Converting Colors

RGB(63, 194, 141)

Have a look what the booklet for
RGB(63, 194, 141) contains.

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Color

RGB(63, 194, 141)

Conversions

Conversions Part 1

Format	Color
Hex	3FC28D
RGB	63, 194, 141
RGB Percent	25%, 76%, 55%
CMY	0.7529, 0.2392, 0.4471
CMYK	0.68, 0.00, 0.27, 0.24
HSL	156°, 52%, 50%
HSV	156°, 68%, 76%
XYZ	26.1494, 41.5634, 31.8436
YIQ	148.7890, -61.0630, -44.2550

Conversions

Conversions Part 2

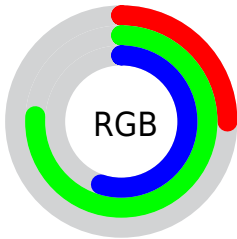
Format	Color
RYB	63, 145, 194
Decimal	4178573
CIELab	70.57, -47.95, 16.50
CIELCh	71, 50.706, 161.008
Yxy	41.5634, 0.2627, 0.4175
Android (android.graphics.Color)	4282368653 (0xFF3FC28D)
YUV	148.7890, -3.8400, -75.2370
Hunter-Lab	64.4697, -40.4210, 15.8436

Details

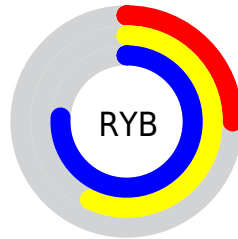
The RGB color **63, 194, 141** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **194, 63, 116**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **125, 251, 195**, and **0, 139, 91** is the 20% darker color. If you saturate the color by 10%, you get **44, 194, 133**, and if you desaturate by 10%, it is **82, 194, 149**.

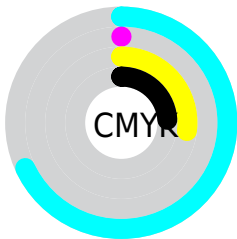
Distribution



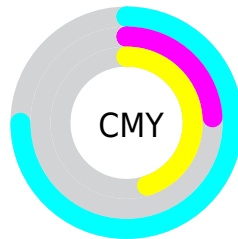
- Red (25%)
- Green (76%)
- Blue (55%)



- Red (25%)
- Yellow (57%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



















- Cyan (75%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 63, 194, 141 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 63, 194, 141 by changing the saturation by 10% instead.

 63, 194, 141	 63, 194, 141
 255, 255, 255	 19, 166, 115
 125, 251, 195	 0, 139, 91
 155, 255, 223	 0, 113, 67
 185, 255, 251	 0, 88, 44
 214, 255, 255	 0, 63, 23
 244, 255, 255	 0, 41, 0
	 0, 4, 0
	 0, 0, 0

 63, 194, 141  63, 194, 141

■ 44, 194, 133

■ 82, 194, 149

■ 24, 194, 125

■ 102, 194, 157

■ 5, 194, 117

■ 121, 194, 165

■ 0, 194, 116

■ 141, 194, 172

■ 160, 194, 180

■ 179, 194, 188

■ 199, 194, 196

■ 218, 194, 204

■ 238, 194, 212

Harmonies

Analogous

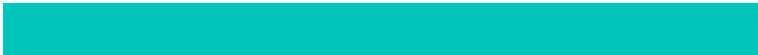
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



133, 187, 100



63, 194, 141



0, 196, 189

Triad

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



63, 194, 141



126, 172, 255



252, 143, 114

Complementary

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



63, 194, 141



194, 63, 116

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, 134, 157



63, 194, 141



198, 154, 243

Square

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



63, 194, 141



0, 186, 255



242, 138, 204



224, 160, 85

Rectangle

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



63, 194, 141



0, 195, 219



242, 138, 204



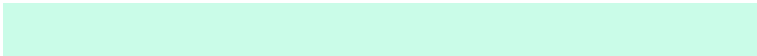
255, 139, 128

Sweetspot

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



63, 194, 141



202, 252, 232



118, 194, 63



97, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



63, 194, 141



48, 252, 170



63, 183, 194



87, 97, 93



0, 161, 96



0, 33, 20

Inverse Universe

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



194, 63, 116



252, 48, 131



194, 74, 63



97, 87, 91



161, 0, 65



33, 0, 13

Previews

White Background



This preview shows how the RGB color 63, 194, 141 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 63, 194, 141 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 63, 194, 141 Background



This preview shows how black text looks on a background with the RGB color 63, 194, 141.

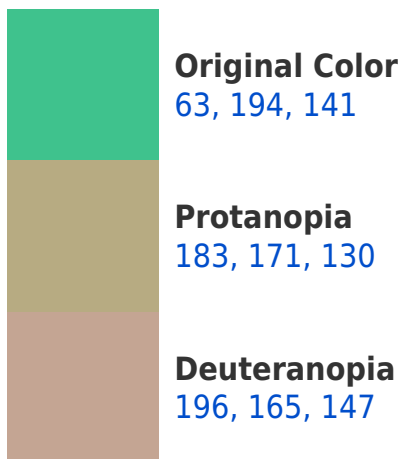


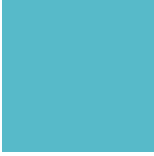
This preview shows how white text looks on a background with the RGB color 63, 194, 141.

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
87, 186, 201

Trichromacy



Original Color
63, 194, 141



Protanomaly
139, 179, 134



Deuteranomaly
148, 176, 145



Tritanomaly
78, 189, 179

Monochromacy



Original Color
63, 194, 141



Achromatopsia
149, 149, 149



Achromatomaly
118, 165, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 63, 194, 141 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(63, 194, 141)` looks like.

```
.text, #text, p{  
    color:rgb(63, 194, 141)  
}
```

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(63, 194, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 194, 141) }
```

Border

The CSS property to change the border of an element to RGB 63, 194, 141 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(63, 194, 141) }
```

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

```
.border{ border-color:rgb(63, 194, 141) }
```

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

Here you see how a box with a 4 pixel rgb(63, 194, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(63, 194,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 63, 194, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 194, 141) }
```

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

```
.background{ background-color: rgb(63, 194,  
141) }
```

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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