

Converting Colors

RGB(15, 193, 158)

Have a look what the booklet for
RGB(15, 193, 158) contains.

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Color

RGB(15, 193, 158)

Conversions

Conversions Part 1

Format	Color
Hex	0FC19E
RGB	15, 193, 158
RGB Percent	6%, 76%, 62%
CMY	0.9412, 0.2431, 0.3804
CMYK	0.92, 0.00, 0.18, 0.24
HSL	168°, 86%, 41%
HSV	168°, 92%, 76%
XYZ	25.4385, 40.7101, 38.8648
YIQ	135.7880, -94.8530, -48.6210

Conversions

Conversions Part 2

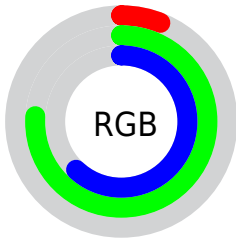
Format	Color
RYB	15, 114, 193
Decimal	1032606
CIELab	69.97, -48.35, 6.36
CIELCh	70, 48.765, 172.510
Yxy	40.7101, 0.2422, 0.3877
Android (android.graphics.Color)	4279222686 (0xFF0FC19E)
YUV	135.7880, 10.9505, -105.9311
Hunter-Lab	63.8045, -40.4908, 8.5482

Details

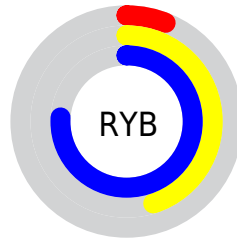
The RGB color **15, 193, 158** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **193, 15, 50**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **103, 250, 213**, and **0, 138, 107** is the 20% darker color. If you saturate the color by 10%, you get **0, 193, 155**, and if you desaturate by 10%, it is **34, 193, 162**.

Distribution



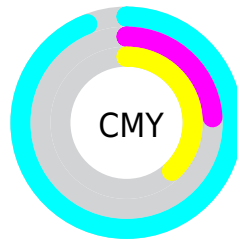
- Red (6%)
- Green (76%)
- Blue (62%)



- Red (6%)
- Yellow (45%)
- Blue (76%)



- Cyan (92%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (94%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 15, 193, 158 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 15, 193, 158 by changing the saturation by 10% instead.



15, 193, 158



15, 193, 158

255, 255, 255



0, 165, 132



103, 250, 213



0, 138, 107



134, 255, 241



0, 112, 83



165, 255, 255



0, 87, 60



196, 255, 255



0, 62, 38



226, 255, 255



0, 40, 17



0, 0, 0



15, 193, 158




15, 193, 158





0, 193, 155




34, 193, 162


 54, 193, 166

 73, 193, 169

 92, 193, 173

 112, 193, 177

 131, 193, 181

 150, 193, 185

 169, 193, 188

 189, 193, 192

Harmonies

Analogous

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



112, 188, 115



15, 193, 158



0, 193, 203

Triad

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



15, 193, 158



157, 164, 253



239, 149, 102

Complementary

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



15, 193, 158



193, 15, 50

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, 136, 140



15, 193, 158



215, 147, 225

Square

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



15, 193, 158



63, 179, 255



248, 135, 184



207, 165, 81

Rectangle

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



15, 193, 158



0, 191, 230



248, 135, 184



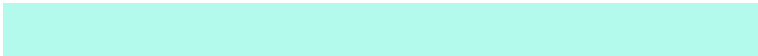
246, 144, 113

Sweetspot

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



15, 193, 158



180, 250, 236



51, 193, 15



82, 125, 117



252, 252, 252



125, 125, 125

Same Dimension

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



15, 193, 158



0, 250, 201



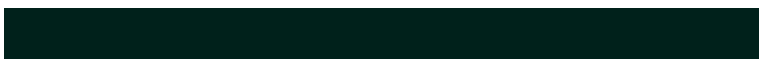
15, 140, 193



87, 97, 95



0, 161, 129



0, 33, 27

Inverse Universe

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



193, 15, 50



250, 0, 49



193, 68, 15



97, 87, 89



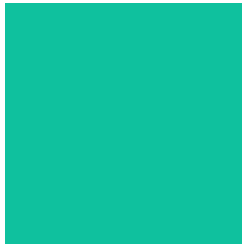
161, 0, 32



33, 0, 7

Previews

White Background



This preview shows how the RGB color 15, 193, 158 looks on a white background.

Color Contrast Check

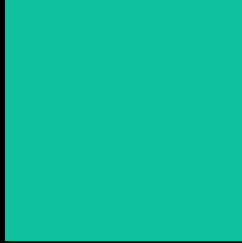
Large Text (above 18pt) WCAG AA × Fail

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 15, 193, 158 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 15, 193, 158 Background



This preview shows how black text looks on a background with the RGB color 15, 193, 158.

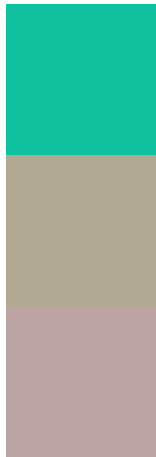


This preview shows how white text looks on a background with the RGB color 15, 193, 158.

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](#).

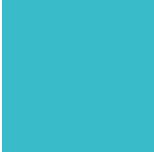
Dichromacy



Original Color
15, 193, 158

Protanopia
178, 169, 146

Deuteranopia
188, 164, 164



Tritanopia
58, 187, 202

Trichromacy



Original Color

15, 193, 158



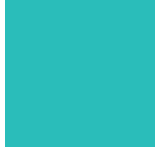
Protanomaly

119, 178, 150



Deuteranomaly

125, 175, 162



Tritanomaly

42, 189, 186

Monochromacy



Original Color

15, 193, 158



Achromatopsia

136, 136, 136



Achromatomaly

92, 157, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 15, 193, 158 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(15, 193, 158)` looks like.

```
.text, #text, p{  
    color:rgb(15, 193, 158)  
}
```

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(15, 193, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 193, 158) }
```

Border

The CSS property to change the border of an element to RGB 15, 193, 158 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(15, 193, 158) }
```

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

```
.border{ border-color:rgb(15, 193, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 193, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(15, 193,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 15, 193, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 193, 158) }
```

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

```
.background{ background-color: rgb(15, 193,  
158) }
```

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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