

Converting Colors

RGB(49, 185, 182)

Have a look what the booklet for
RGB(49, 185, 182) contains.

RGB(49, 185, 182)	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(49, 185, 182)

Conversions

Conversions Part 1

Format	Color
Hex	31B9B6
RGB	49, 185, 182
RGB Percent	19%, 73%, 71%
CMY	0.8078, 0.2745, 0.2863
CMYK	0.74, 0.00, 0.02, 0.27
HSL	179°, 58%, 46%
HSV	179°, 74%, 73%
XYZ	27.0591, 38.7283, 50.3051
YIQ	143.9940, -80.0930, -29.7650

Conversions

Conversions Part 2

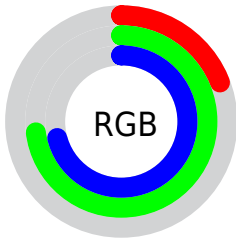
Format	Color
RYB	49, 118, 185
Decimal	3258806
CIELab	68.55, -35.53, -8.83
CIELCh	69, 36.614, 193.956
Yxy	38.7283, 0.2331, 0.3336
Android (android.graphics.Color)	4281448886 (0xFF31B9B6)
YUV	143.9940, 18.7370, -83.3097
Hunter-Lab	62.2321, -31.2926, -4.3645

Details

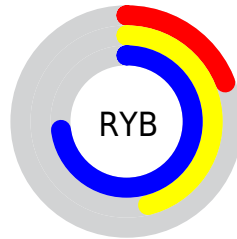
The RGB color **49, 185, 182** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **185, 49, 52**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **117, 242, 238**, and **0, 131, 129** is the 20% darker color. If you saturate the color by 10%, you get **30, 185, 182**, and if you desaturate by 10%, it is **67, 185, 182**.

Distribution



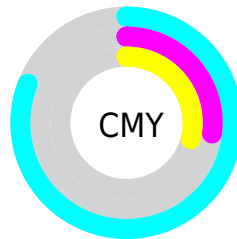
- Red (19%)
- Green (73%)
- Blue (71%)



- Red (19%)
- Yellow (46%)
- Blue (73%)



- Cyan (74%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)





















- Cyan (81%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 49, 185, 182 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 49, 185, 182 by changing the saturation by 10% instead.

 49, 185, 182	 49, 185, 182
 255, 255, 255	 0, 158, 155
 117, 242, 238	 0, 131, 129
 148, 255, 255	 0, 105, 104
 178, 255, 255	 0, 81, 80
 208, 255, 255	 0, 57, 57
 238, 255, 255	 0, 37, 36
	 0, 1, 15
	 0, 0, 0
 49, 185, 182	 49, 185, 182

■ 30, 185, 182

■ 67, 185, 182

■ 12, 185, 181

■ 86, 185, 183

■ 0, 185, 181

■ 105, 185, 183

■ 123, 185, 184

■ 141, 185, 184

■ 160, 185, 184

■ 179, 185, 185

■ 197, 185, 185

■ 215, 185, 186

Harmonies

Analogous

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



95, 184, 148



49, 185, 182



35, 182, 212

Triad

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



49, 185, 182



191, 153, 215



205, 159, 104

Complementary

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



49, 185, 182



185, 49, 52

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.



226, 148, 123



49, 185, 182



221, 144, 186

Square

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



49, 185, 182



145, 165, 231



232, 142, 153



174, 170, 102

Rectangle

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



49, 185, 182



69, 178, 226



232, 142, 153



213, 155, 108

Sweetspot

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



49, 185, 182



187, 240, 239



54, 185, 49



89, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



49, 185, 182



29, 240, 235



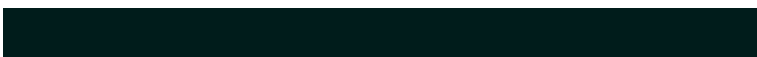
49, 122, 185



83, 92, 92



0, 156, 152



0, 28, 27

Inverse Universe

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



185, 49, 52



240, 29, 33



185, 112, 49



92, 83, 83



156, 0, 3



28, 0, 1

Previews

White Background



This preview shows how the RGB color 49, 185, 182 looks on a white background.

Color Contrast Check

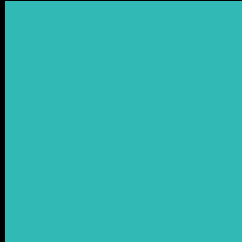
Large Text (above 18pt) WCAG AA × Fail

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 49, 185, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

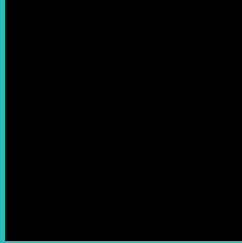
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

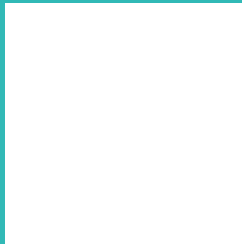
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 49, 185, 182 Background



This preview shows how black text looks on a background with the RGB color 49, 185, 182.

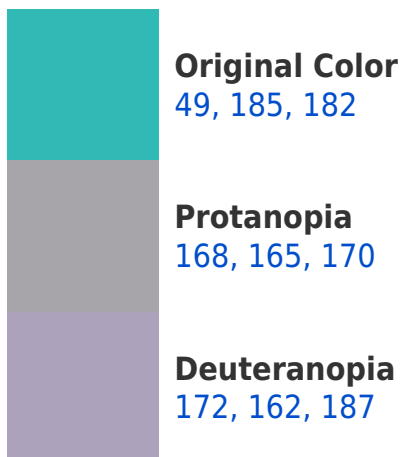


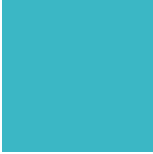
This preview shows how white text looks on a background with the RGB color 49, 185, 182.

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
59, 183, 197

Trichromacy



Original Color

49, 185, 182



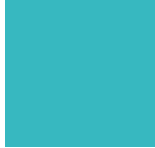
Protanomaly

125, 172, 174



Deuteranomaly

127, 170, 185



Tritanomaly

55, 184, 192

Monochromacy



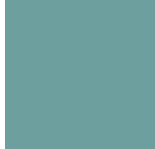
Original Color

49, 185, 182



Achromatopsia

144, 144, 144



Achromatomaly

109, 159, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 49, 185, 182 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(49, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(49, 185, 182)  
}
```

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(49, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 185, 182) }
```

Border

The CSS property to change the border of an element to RGB 49, 185, 182 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(49, 185, 182) }
```

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

```
.border{ border-color:rgb(49, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(49, 185,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 49, 185, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 185, 182) }
```

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

```
.background{ background-color: rgb(49, 185,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor