

Converting Colors

RGB(65, 196, 182)

Have a look what the booklet for
RGB(65, 196, 182) contains.

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Color

RGB(65, 196, 182)

Conversions

Conversions Part 1

Format	Color
Hex	41C4B6
RGB	65, 196, 182
RGB Percent	25%, 77%, 71%
CMY	0.7451, 0.2314, 0.2863
CMYK	0.67, 0.00, 0.07, 0.23
HSL	174°, 53%, 51%
HSV	174°, 67%, 77%
XYZ	30.3634, 43.9811, 51.1448
YIQ	155.2350, -73.5820, -32.1260

Conversions

Conversions Part 2

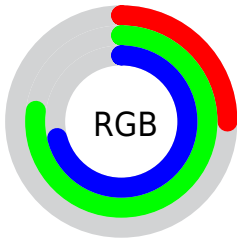
Format	Color
RYB	65, 134, 196
Decimal	4310198
CIELab	72.22, -38.44, -3.37
CIELCh	72, 38.587, 185.014
Yxy	43.9811, 0.2420, 0.3505
Android (android.graphics.Color)	4282500278 (0xFF41C4B6)
YUV	155.2350, 13.1951, -79.1361
Hunter-Lab	66.3182, -34.3318, 0.6981

Details

The RGB color **65, 196, 182** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **196, 65, 79**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **129, 253, 238**, and **0, 142, 129** is the 20% darker color. If you saturate the color by 10%, you get **45, 196, 180**, and if you desaturate by 10%, it is **85, 196, 184**.

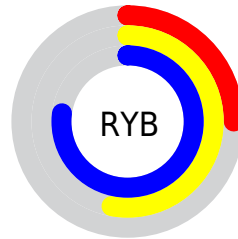
Distribution



Red (25%)

Green (77%)

Blue (71%)



Red (25%)

Yellow (53%)

Blue (77%)

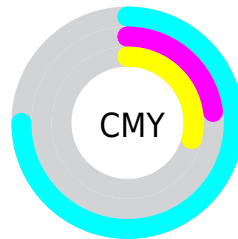


Cyan (67%)

Magenta (0%)

Yellow (7%)

Black (23%)



Cyan (75%)


Magenta (23%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 196, 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 65, 196, 182 by changing the saturation by 10% instead.

 65, 196, 182

255, 255, 255


 129, 253, 238


 159, 255, 255

 189, 255, 255


 219, 255, 255

 249, 255, 255

 65, 196, 182

 18, 168, 155

 0, 142, 129

 0, 115, 104


 0, 90, 80


 0, 66, 57

 0, 43, 36

 0, 15, 15

 0, 0, 0

 65, 196, 182

 65, 196, 182

■ 45, 196, 180

■ 85, 196, 184

■ 26, 196, 178

■ 104, 196, 186

■ 6, 196, 176

■ 124, 196, 188

■ 0, 196, 175

■ 143, 196, 190

■ 163, 196, 192

■ 183, 196, 195

■ 202, 196, 197

■ 222, 196, 199

■ 241, 196, 201

Harmonies

Analogous

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



114, 193, 146



65, 196, 182



24, 195, 216

Triad

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



65, 196, 182



189, 166, 235



225, 165, 114

Complementary

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



65, 196, 182



196, 65, 79

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.



243, 154, 138



65, 196, 182



226, 154, 208

Square

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



65, 196, 182



136, 179, 247



245, 150, 172



195, 177, 106

Rectangle

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



65, 196, 182



52, 191, 234



245, 150, 172



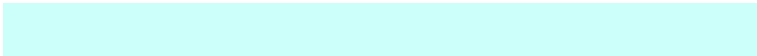
232, 161, 120

Sweetspot

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



65, 196, 182



204, 255, 250



80, 196, 65



97, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



65, 196, 182



51, 255, 233



65, 146, 196



87, 97, 96



0, 161, 143



0, 33, 30

Inverse Universe

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



196, 65, 79



255, 51, 73



196, 115, 65



97, 87, 88



161, 0, 17



33, 0, 4

Previews

White Background



This preview shows how the RGB color 65, 196, 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 65, 196, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

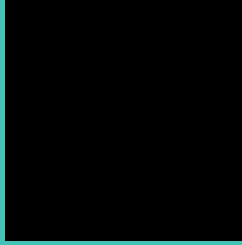
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

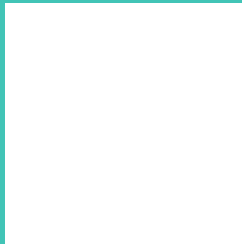
Any Text WCAG AAA ✓ Pass

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

RGB 65, 196, 182 Background



This preview shows how black text looks on a background with the RGB color 65, 196, 182.

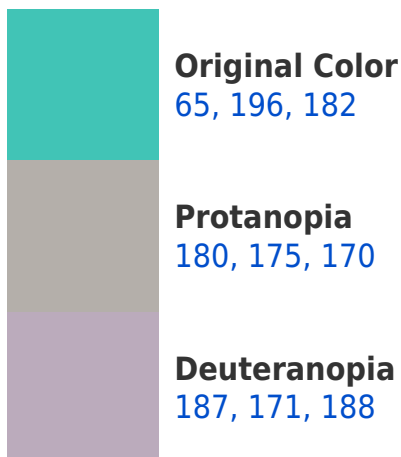


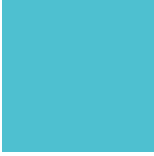
This preview shows how white text looks on a background with the RGB color 65, 196, 182.

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
78, 192, 208

Trichromacy



Original Color

65, 196, 182



Protanomaly

138, 183, 174



Deuteranomaly

143, 180, 186



Tritanomaly

73, 193, 199

Monochromacy



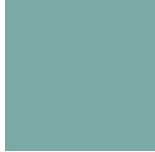
Original Color

65, 196, 182



Achromatopsia

155, 155, 155



Achromatomaly

122, 170, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 196, 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(65, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(65, 196, 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(65, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 196, 182) }
```

Border

The CSS property to change the border of an element to RGB 65, 196, 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(65, 196, 182) }
```

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

```
.border{ border-color:rgb(65, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 196, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 196, 182);  
box-shadow:4px 4px 4px 4px rgb(65, 196,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 65, 196, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 196, 182) }
```

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

```
.background{ background-color: rgb(65, 196,  
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](#).

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