

Converting Colors

RGB(65, 163, 160)

Have a look what the booklet for
RGB(65, 163, 160) contains.

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Color

RGB(65, 163, 160)

Conversions

Conversions Part 1

Format	Color
Hex	41A3A0
RGB	65, 163, 160
RGB Percent	25%, 64%, 63%
CMY	0.7451, 0.3608, 0.3725
CMYK	0.60, 0.00, 0.02, 0.36
HSL	178°, 43%, 45%
HSV	178°, 60%, 64%
XYZ	21.6223, 29.8563, 37.8809
YIQ	133.3560, -57.4450, -21.7090

Conversions

Conversions Part 2

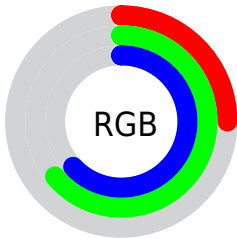
Format	Color
RYB	65, 115, 163
Decimal	4301728
CIELab	61.53, -28.95, -6.99
CIElCh	62, 29.785, 193.576
Yxy	29.8563, 0.2420, 0.3341
Android (android.graphics.Color)	4282491808 (0xFF41A3A0)
YUV	133.3560, 13.1355, -59.9482
Hunter-Lab	54.6409, -24.9861, -2.8554

Details

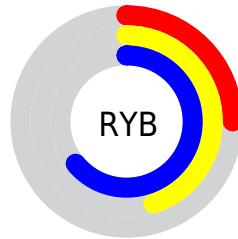
The RGB color **65, 163, 160** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **163, 65, 68**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **123, 218, 215**, and **0, 111, 109** is the 20% darker color. If you saturate the color by 10%, you get **49, 163, 160**, and if you desaturate by 10%, it is **81, 163, 160**.

Distribution



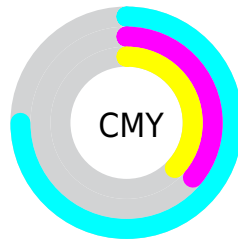
- Red (25%)
- Green (64%)
- Blue (63%)



- Red (25%)
- Yellow (45%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)





- Cyan (75%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RGB color 65, 163, 160 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, 163, 160 by changing the saturation by 10% instead.


 65, 163, 160

 65, 163, 160


255, 255, 255

 30, 136, 134


 123, 218, 215

 0, 111, 109

 152, 247, 243

 0, 86, 84


 181, 255, 255

 0, 62, 61


 210, 255, 255


 0, 40, 40


 240, 255, 255

 0, 11, 20

 0, 0, 0

 65, 163, 160

 65, 163, 160

 49, 163, 160

 81, 163, 160

■ 32, 163, 159

■ 98, 163, 161

■ 16, 163, 159

■ 114, 163, 161

■ 0, 163, 158

■ 130, 163, 162

■ 147, 163, 162

■ 163, 163, 163

■ 179, 163, 163

■ 195, 163, 164

■ 212, 163, 164

Harmonies

Analogous

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



94, 162, 133



65, 163, 160



60, 161, 184

Triad

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



65, 163, 160



167, 138, 187



179, 142, 98

Complementary

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



65, 163, 160



163, 65, 68

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.



196, 134, 113



65, 163, 160



191, 130, 164

Square

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



65, 163, 160



131, 147, 200



201, 129, 137



155, 151, 97

Rectangle

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



65, 163, 160



78, 158, 195



201, 129, 137



186, 139, 102

Sweetspot

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



65, 163, 160



174, 212, 210



68, 163, 65



84, 107, 106



235, 235, 235



107, 107, 107

Same Dimension

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



65, 163, 160



59, 212, 207



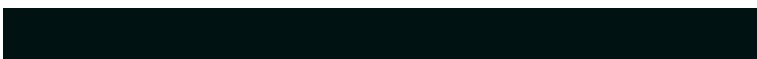
65, 117, 163



73, 82, 81



0, 145, 141



0, 18, 17

Inverse Universe

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



163, 65, 68



212, 59, 64



163, 111, 65



82, 73, 74



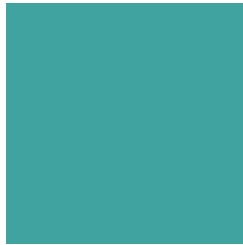
145, 0, 4



18, 0, 1

Previews

White Background



This preview shows how the RGB color 65, 163, 160 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 163, 160 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 × Fail

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

RGB 65, 163, 160 Background



This preview shows how black text looks on a background with the RGB color 65, 163, 160.

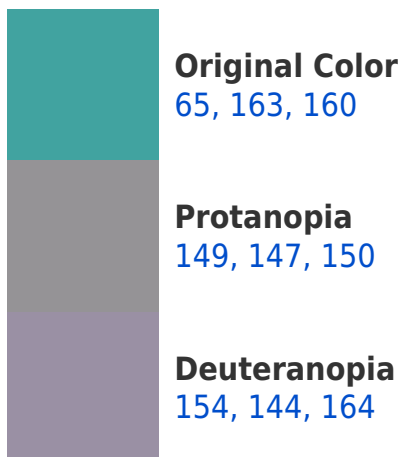


This preview shows how white text looks on a background with the RGB color 65, 163, 160.

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
71, 161, 174

Trichromacy



Original Color
65, 163, 160



Protanomaly
118, 153, 154



Deuteranomaly
122, 151, 163



Tritanomaly
69, 162, 169

Monochromacy



Original Color
65, 163, 160



Achromatopsia
133, 133, 133



Achromatomaly
108, 144, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 163, 160 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, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(65, 163, 160)  
}
```

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, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 163, 160) }
```

Border

The CSS property to change the border of an element to RGB 65, 163, 160 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, 163, 160) }
```

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

```
.border{ border-color:rgb(65, 163, 160) }
```

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

Here you see how a box with a 4 pixel rgb(65, 163, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(65, 163,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 65, 163, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 163, 160) }
```

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

```
.background{ background-color: rgb(65, 163,  
160) }
```

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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