

Converting Colors

RGB(0, 178, 141)

Have a look what the booklet for
RGB(0, 178, 141) contains.

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Color

RGB(0, 178, 141)

Conversions

Conversions Part 1

Format	Color
Hex	00B28D
RGB	0, 178, 141
RGB Percent	0%, 70%, 55%
CMY	1.0000, 0.3020, 0.4471
CMYK	1.00, 0.00, 0.21, 0.30
HSL	168°, 100%, 35%
HSV	168°, 100%, 70%
XYZ	20.7281, 33.7639, 30.6239
YIQ	120.5600, -94.2110, -49.2430

Conversions

Conversions Part 2

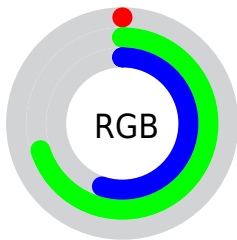
Format	Color
RYB	0, 99, 178
Decimal	45709
CIELab	64.77, -47.21, 8.23
CIELCh	65, 47.918, 170.112
Yxy	33.7639, 0.2435, 0.3967
Android (android.graphics.Color)	4278235789 (0xFF00B28D)
YUV	120.5600, 10.0769, -105.7311
Hunter-Lab	58.1067, -38.0113, 9.4271

Details

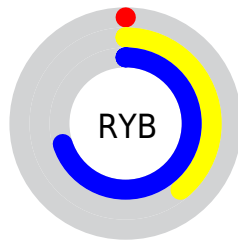
The RGB color **0, 178, 141** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **178, 0, 37**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **95, 235, 195**, and **0, 124, 91** is the 20% darker color. If you saturate the color by 10%, you get **0, 178, 141**, and if you desaturate by 10%, it is **18, 178, 145**.

Distribution



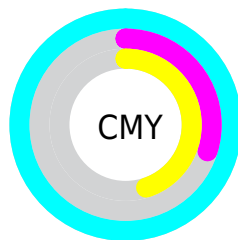
- Red (0%)
- Green (70%)
- Blue (55%)



- Red (0%)
- Yellow (39%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)




- Cyan (100%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 0, 178, 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 0, 178, 141 by changing the saturation by 10% instead.


 0, 178, 141

 0, 178, 141


255, 255, 255

 0, 151, 115

 95, 235, 195

 0, 124, 91

 126, 255, 223

 0, 98, 67

 157, 255, 251

 0, 73, 45

 187, 255, 255

 0, 50, 24


 217, 255, 255

 0, 25, 0

 248, 255, 255

 0, 0, 0

 0, 178, 141

 18, 178, 145

■ 36, 178, 148

■ 53, 178, 152

■ 71, 178, 156

■ 89, 178, 160

■ 107, 178, 163

■ 125, 178, 167

■ 142, 178, 171

■ 160, 178, 174

Harmonies

Analogous

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



104, 173, 100



0, 178, 141



0, 179, 185

Triad

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



0, 178, 141



137, 151, 238



224, 134, 93

Complementary

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



0, 178, 141



178, 0, 37

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.



238, 122, 130



0, 178, 141



196, 135, 213

Square

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



0, 178, 141



24, 166, 241



229, 122, 173



195, 150, 71

Rectangle

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



0, 178, 141



0, 177, 211



229, 122, 173



231, 129, 104

Sweetspot

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



0, 178, 141



162, 232, 218



39, 178, 0



75, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



0, 178, 141



0, 232, 184



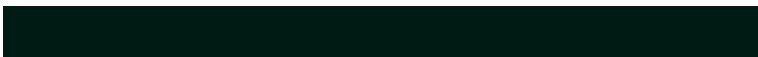
0, 128, 178



80, 89, 87



0, 153, 121



0, 26, 20

Inverse Universe

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



178, 0, 37



232, 0, 48



178, 50, 0



89, 80, 82



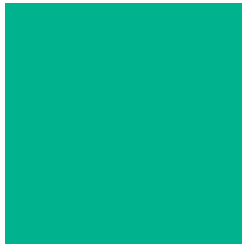
153, 0, 32



26, 0, 5

Previews

White Background



This preview shows how the RGB color 0, 178, 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 0, 178, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

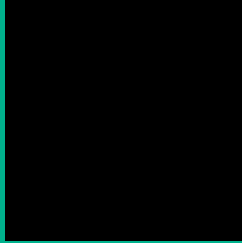
Any Text WCAG AA ✓ Pass

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 0, 178, 141 Background



This preview shows how black text looks on a background with the RGB color 0, 178, 141.

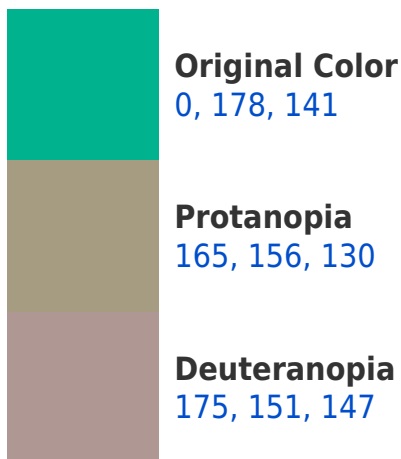


This preview shows how white text looks on a background with the RGB color 0, 178, 141.

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
54, 172, 186

Trichromacy



Original Color

0, 178, 141



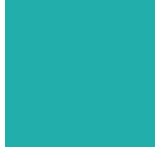
Protanomaly

105, 164, 134



Deuteranomaly

111, 161, 145



Tritanomaly

34, 174, 170

Monochromacy



Original Color

0, 178, 141



Achromatopsia

121, 121, 121



Achromatomaly

77, 142, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 178, 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(0, 178, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 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(0, 178, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 141) }
```

Border

The CSS property to change the border of an element to RGB 0, 178, 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(0, 178, 141) }
```

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

```
.border{ border-color:rgb(0, 178, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 0, 178, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 141) }
```

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

```
.background{ background-color: rgb(0, 178,  
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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