

Converting Colors

RGB(0, 141, 145)

Have a look what the booklet for
RGB(0, 141, 145) contains.

RGB(0, 141, 145)	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(0, 141, 145)

Conversions

Conversions Part 1

Format	Color
Hex	008D91
RGB	0, 141, 145
RGB Percent	0%, 55%, 57%
CMY	1.0000, 0.4471, 0.4314
CMYK	1.00, 0.03, 0.00, 0.43
HSL	182°, 100%, 28%
HSV	182°, 100%, 57%
XYZ	14.6357, 21.0941, 30.0882
YIQ	99.2970, -85.3200, -28.6480

Conversions

Conversions Part 2

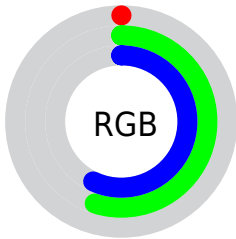
Format	Color
RYB	0, 71, 145
Decimal	36241
CIELab	53.05, -29.64, -11.21
CIELCh	53, 31.693, 200.721
Yxy	21.0941, 0.2224, 0.3205
Android (android.graphics.Color)	4278226321 (0xFF008D91)
YUV	99.2970, 22.5316, -87.0835
Hunter-Lab	45.9283, -23.4929, -6.6919

Details

The RGB color `0, 141, 145` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `145, 4, 0`, and the grayscale version is `99, 99, 99`.

A 20% lighter version of the original color is `87, 195, 199`, and `0, 90, 95` is the 20% darker color. If you saturate the color by 10%, you get `0, 141, 145`, and if you desaturate by 10%, it is `14, 141, 145`.

Distribution



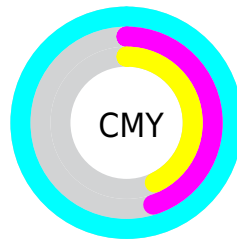
- Red (0%)
- Green (55%)
- Blue (57%)



- Red (0%)
- Yellow (28%)
- Blue (57%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RGB color 0, 141, 145 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, 141, 145 by changing the saturation by 10% instead.

 0, 141, 145

 0, 141, 145

255, 255, 255

 0, 115, 119

 87, 195, 199

 0, 90, 95

 117, 223, 227

 0, 66, 71

 147, 252, 255

 0, 43, 49

 176, 255, 255


 0, 20, 28

 206, 255, 255

 0, 0, 0

 236, 255, 255

 0, 141, 145

 14, 141, 145

■ 29, 142, 145

■ 44, 142, 145

■ 58, 143, 145

■ 73, 143, 145

■ 87, 143, 145

■ 102, 144, 145

■ 116, 144, 145

■ 131, 145, 145

Harmonies

Analogous

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



57, 141, 117



0, 141, 145



6, 138, 168

Triad

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



0, 141, 145



153, 113, 161



152, 122, 73

Complementary

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



0, 141, 145



145, 4, 0

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.



171, 113, 86



0, 141, 145



174, 106, 136

Square

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



0, 141, 145



117, 123, 178



180, 106, 109



125, 131, 75

Rectangle

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



0, 141, 145



52, 134, 178



180, 106, 109



159, 119, 75

Sweetspot

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



0, 141, 145



132, 187, 189



0, 145, 2



60, 93, 94



222, 222, 222



94, 94, 94

Same Dimension

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



0, 141, 145



0, 183, 189



0, 70, 145



64, 71, 71



0, 131, 135



0, 7, 8

Inverse Universe

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



145, 0, 141



189, 0, 183



145, 75, 0



71, 64, 71



135, 0, 131



8, 0, 7

Previews

White Background



This preview shows how the RGB color 0, 141, 145 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 0, 141, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

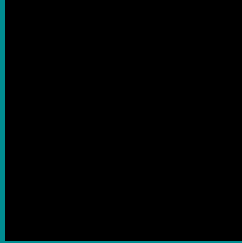
Any Text WCAG AA ✓ Pass

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 0, 141, 145 Background



This preview shows how black text looks on a background with the RGB color 0, 141, 145.

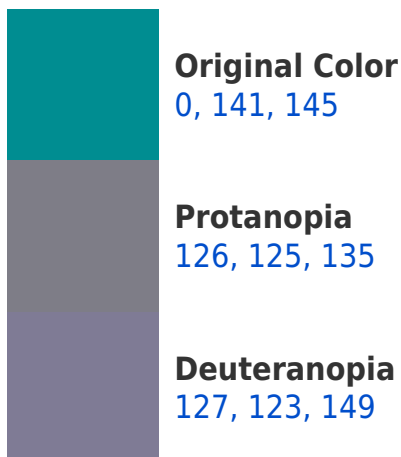


This preview shows how white text looks on a background with the RGB color 0, 141, 145.

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
21, 140, 151

Trichromacy



Original Color

0, 141, 145



Protanomaly

80, 131, 139



Deuteranomaly

81, 130, 148



Tritanomaly

13, 140, 149

Monochromacy



Original Color

0, 141, 145



Achromatopsia

99, 99, 99



Achromatomaly

63, 114, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 141, 145 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, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 145)  
}
```

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, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 145) }
```

Border

The CSS property to change the border of an element to RGB 0, 141, 145 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, 141, 145) }
```

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

```
.border{ border-color:rgb(0, 141, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 0, 141, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 145) }
```

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

```
.background{ background-color: rgb(0, 141,  
145) }
```

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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