

Converting Colors

RGB(0, 146, 152)

Have a look what the booklet for
RGB(0, 146, 152) contains.

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Color

RGB(0, 146, 152)

Conversions

Conversions Part 1

Format	Color
Hex	009298
RGB	0, 146, 152
RGB Percent	0%, 57%, 60%
CMY	1.0000, 0.4275, 0.4039
CMYK	1.00, 0.04, 0.00, 0.40
HSL	182°, 100%, 30%
HSV	182°, 100%, 60%
XYZ	15.9464, 22.8248, 33.2709
YIQ	103.0300, -88.9420, -29.0860

Conversions

Conversions Part 2

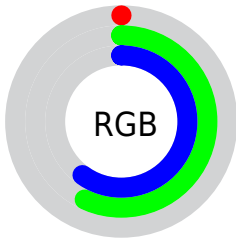
Format	Color
RYB	0, 74, 152
Decimal	37528
CIELab	54.89, -29.80, -12.48
CIELCh	55, 32.307, 202.730
Yxy	22.8248, 0.2213, 0.3168
Android (android.graphics.Color)	4278227608 (0xFF009298)
YUV	103.0300, 24.1422, -90.3573
Hunter-Lab	47.7753, -24.0272, -7.8471

Details

The RGB color `0, 146, 152` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `152, 6, 0`, and the grayscale version is `103, 103, 103`.

A 20% lighter version of the original color is `89, 200, 206`, and `0, 95, 101` is the 20% darker color. If you saturate the color by 10%, you get `0, 146, 152`, and if you desaturate by 10%, it is `15, 147, 152`.

Distribution



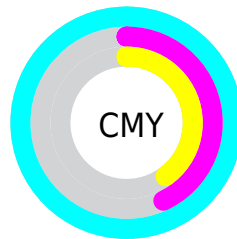
- Red (0%)
- Green (57%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 146, 152 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, 146, 152 by changing the saturation by 10% instead.

 0, 146, 152

 0, 146, 152

255, 255, 255

 0, 120, 126

 89, 200, 206

 0, 95, 101

 120, 229, 234

 0, 71, 77

 149, 255, 255

 0, 47, 54

 179, 255, 255

 0, 27, 33


 209, 255, 255

 0, 0, 9

 239, 255, 255

 0, 0, 0

 0, 146, 152

 15, 147, 152

■ 30, 147, 152

■ 46, 148, 152

■ 61, 148, 152

■ 76, 149, 152

■ 91, 150, 152

■ 106, 150, 152

■ 122, 151, 152

■ 137, 151, 152

Harmonies

Analogous

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



57, 146, 123



0, 146, 152



18, 143, 175

Triad

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



0, 146, 152



160, 117, 166



156, 127, 76

Complementary

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



0, 146, 152



152, 6, 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.



176, 118, 88



0, 146, 152



181, 110, 139

Square

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



0, 146, 152



125, 127, 183



186, 111, 111



128, 136, 79

Rectangle

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



0, 146, 152



60, 139, 184



186, 111, 111



163, 124, 78

Sweetspot

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



0, 146, 152



137, 194, 196



0, 152, 5



64, 98, 99



227, 227, 227



99, 99, 99

Same Dimension

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



0, 146, 152



0, 189, 196



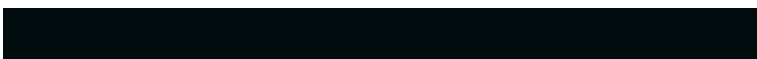
0, 71, 152



69, 76, 77



0, 135, 140



0, 12, 13

Inverse Universe

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



152, 0, 146



196, 0, 189



152, 81, 0



77, 69, 76



140, 0, 135



13, 0, 12

Previews

White Background



This preview shows how the RGB color 0, 146, 152 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, 146, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

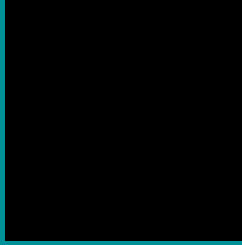
Any Text WCAG AA ✓ Pass

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, 146, 152 Background



This preview shows how black text looks on a background with the RGB color 0, 146, 152.

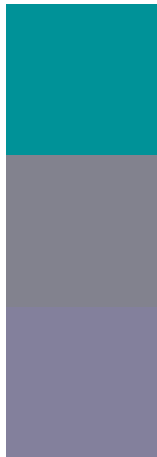


This preview shows how white text looks on a background with the RGB color 0, 146, 152.

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



Original Color
0, 146, 152

Protanopia
130, 130, 142

Deuteranopia
131, 128, 156



Tritanopia
19, 145, 157

Trichromacy



Original Color

0, 146, 152



Protanomaly

83, 136, 146



Deuteranomaly

83, 135, 155



Tritanomaly

12, 145, 155

Monochromacy



Original Color

0, 146, 152



Achromatopsia

103, 103, 103



Achromatomaly

66, 119, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 146, 152 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, 146, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 152)  
}
```

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, 146, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 152) }
```

Border

The CSS property to change the border of an element to RGB 0, 146, 152 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, 146, 152) }
```

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

```
.border{ border-color:rgb(0, 146, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 0, 146, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 152) }
```

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

```
.background{ background-color: rgb(0, 146,  
152) }
```

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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