

Converting Colors

Hex(008176)

Have a look what the booklet for
Hex(008176) contains.

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Color

Hex(008176)

Conversions

Conversions Part 1

Format	Color
Hex	008176
RGB	0, 129, 118
RGB Percent	0%, 51%, 46%
CMY	1.0000, 0.4941, 0.5373
CMYK	1.00, 0.00, 0.09, 0.49
HSL	175°, 100%, 25%
HSV	175°, 100%, 51%
XYZ	11.1203, 17.0085, 19.8364
YIQ	89.1750, -73.3530, -30.7690

Conversions

Conversions Part 2

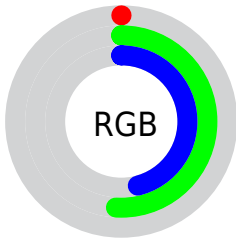
Format	Color
RYB	0, 67, 129
Decimal	33142
CIELab	48.27, -32.48, -2.57
CIELCh	48, 32.583, 184.518
Yxy	17.0085, 0.2318, 0.3546
Android (android.graphics.Color)	4278223222 (0xFF008176)
YUV	89.1750, 14.2107, -78.2065
Hunter-Lab	41.2414, -24.0419, 0.3515

Details

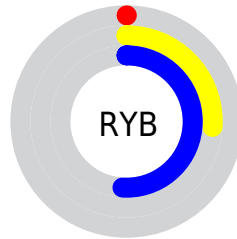
The Hex color **008176** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **81000B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **51B7AA**, and **004F46** is the 20% darker color. If you saturate the color by 10%, you get **008176**, and if you desaturate by 10%, it is **0D8177**.

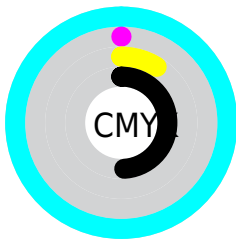
Distribution



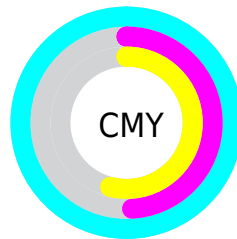
- Red (0%)
- Green (51%)
- Blue (46%)



- Red (0%)
- Yellow (26%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008176 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 Hex color 008176 by changing the saturation by 10% instead.

 008176

 008176

FFFFFF

 00675D

 51B7AA

 004F46

 6ED2C5

 003730

 8BEFE1

 00231B

 A8FFFE

 000000

 C5FFFF

 E2FFFF

 008176

 0D8177

 1A8178

 278179

 34817A

 41817B

 4D817D

 5A817E

 67817F

 748180

Harmonies

Analogous

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



407F5A



008176



008091

Triad

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



008176



7B6AA0



976941

Complementary

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



008176



81000B

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.



A56055



008176



98608B

Square

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



008176



4F74A9



A65C6F



80723B

Rectangle

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



008176



007E9F



A65C6F



9D6547

Sweetspot

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



008176



76A8A4



0D8100



365452



D4D4D4



545454

Same Dimension

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



008176



00A89A



004D81



39403F



008075



000000

Inverse Universe

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



81000B



A8000E



813400



40393A



80000B



000000

Previews

White Background



This preview shows how the Hex color 008176 looks on a white background.

Color Contrast Check

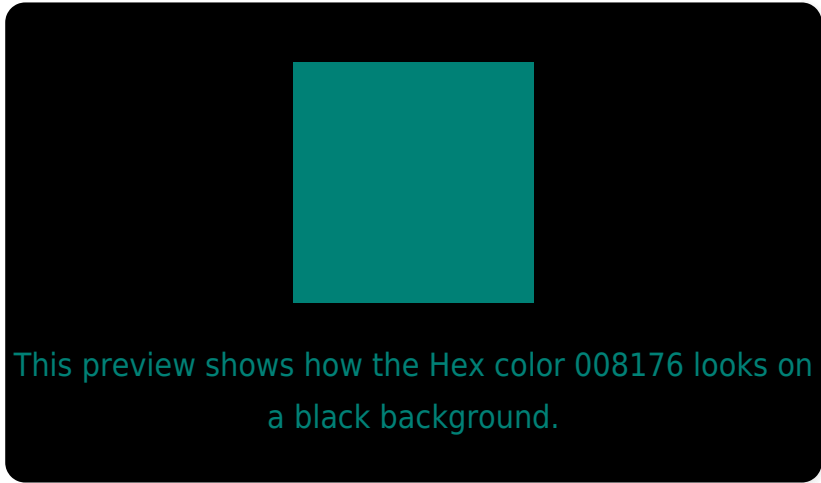
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

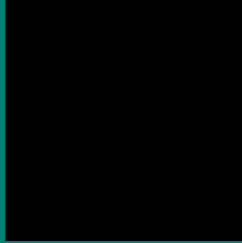
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 008176 Background



This preview shows how black text looks on a background with the Hex color 008176.

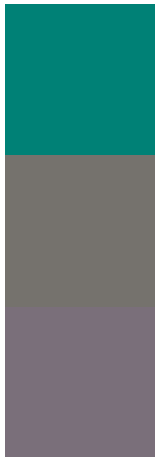


This preview shows how white text looks on a background with the Hex color 008176.

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
008176

Protanopia
75726D

Deuteranopia
7A6F7A



Tritanopia
207E89

Trichromacy



Original Color
008176



Protanomaly
4A7770



Deuteranomaly
4E7679



Tritanomaly
147F82

Monochromacy



Original Color
008176



Achromatopsia
595959



Achromatomaly
396864

CSS Examples

Text

The CSS property to change the color of the text to Hex 008176 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 #008176 looks like.

```
.text, #text, p{  
    color:#008176  
}
```

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 #008176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008176
}
```

Border

The CSS property to change the border of an element to Hex 008176 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
#008176 }
```

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

```
.border{ border-color:#008176 }
```

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

Here you see how a box with a 4 pixel #008176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008176; -webkit-box-shadow:4px 4px  
4px 4px #008176; box-shadow:4px 4px 4px  
4px #008176 }
```

Background

The CSS property to change the background color of an element to Hex 008176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008176 }
```

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

```
.background{ background-color:#008176 }
```

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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