

Converting Colors

Hex(008793)

Have a look what the booklet for
Hex(008793) contains.

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Color

Hex(008793)

Conversions

Conversions Part 1

Format	Color
Hex	008793
RGB	0, 135, 147
RGB Percent	0%, 53%, 58%
CMY	1.0000, 0.4706, 0.4235
CMYK	1.00, 0.08, 0.00, 0.42
HSL	185°, 100%, 29%
HSV	185°, 100%, 58%
XYZ	13.9304, 19.4345, 30.6208
YIQ	96.0030, -84.3120, -24.8880

Conversions

Conversions Part 2

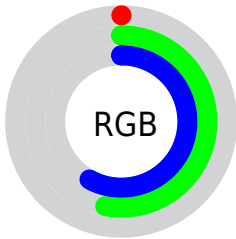
Format	Color
RYB	0, 70, 147
Decimal	34707
CIELab	51.19, -26.00, -15.19
CIELCh	51, 30.109, 210.288
Yxy	19.4345, 0.2177, 0.3037
Android (android.graphics.Color)	4278224787 (0xFF008793)
YUV	96.0030, 25.1415, -84.1946
Hunter-Lab	44.0846, -20.7433, -10.3231

Details

The Hex color **008793** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **930C00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **57BDC9**, and **005560** is the 20% darker color. If you saturate the color by 10%, you get **008793**, and if you desaturate by 10%, it is **0F8893**.

Distribution



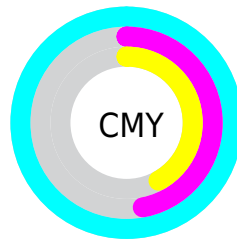
- Red (0%)
- Green (53%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008793 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 008793 by changing the saturation by 10% instead.

 008793

 008793

FFFFFF

 006D79

 57BDC9

 005560

 75D9E5

 003D49

 92F5FF

 002732

 AFFFFFF

 000A1E

 CDFFFF

 000000

 EBFFFF

 008793

 0F8893

 1D8993

 2C8B93

 3B8C93

 4A8D93

 588E93

 678F93

 769193

 849293

Harmonies

Analogous

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



2D8879



008793



2483A6

Triad

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



008793



9A6A94



8A7846

Complementary

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



008793



930C00

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.



9F704E



008793



AA667B

Square

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



008793



7D73A6



AB6861



70804D

Rectangle

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



008793



457FAC



AB6861



927647

Sweetspot

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



008793



86BBBF



00930A



3E5E61



E0E0E0



616161

Same Dimension

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



008793



00B0BF



004093



43494A



007E8A



00090A

Inverse Universe

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



930087



BF00B0



935300



4A4349



8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 008793 looks on a white background.

Color Contrast Check

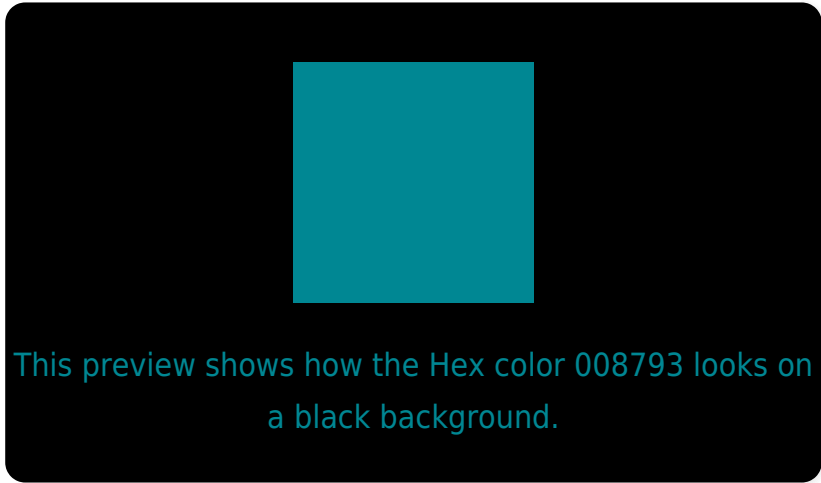
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

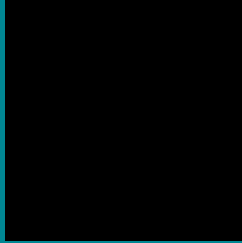
Any Text WCAG AA ✓ Pass

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](#).

Hex 008793 Background



This preview shows how black text looks on a background with the Hex color 008793.



This preview shows how white text looks on a background with the Hex color 008793.

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
008793

Protanopia
777989

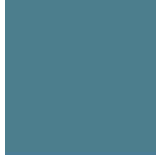
Deuteranopia
767797



Trichromacy



Original Color
008793



Protanomaly
4C7E8D



Deuteranomaly
4B7D96



Tritanomaly
008792

Monochromacy



Original Color
008793



Achromatopsia
606060



Achromatomaly
3D6E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 008793 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 #008793 looks like.

```
.text, #text, p{  
    color:#008793  
}
```

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 #008793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008793
}
```

Border

The CSS property to change the border of an element to Hex 008793 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
#008793 }
```

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

```
.border{ border-color:#008793 }
```

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

Here you see how a box with a 4 pixel #008793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008793; -webkit-box-shadow:4px 4px  
4px 4px #008793; box-shadow:4px 4px 4px  
4px #008793 }
```

Background

The CSS property to change the background color of an element to Hex 008793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008793 }
```

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

```
.background{ background-color:#008793 }
```

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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