

Converting Colors

Hex(008193)

Have a look what the booklet for
Hex(008193) contains.

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Color

Hex(008193)

Conversions

Conversions Part 1

Format	Color
Hex	008193
RGB	0, 129, 147
RGB Percent	0%, 51%, 58%
CMY	1.0000, 0.4941, 0.4235
CMYK	1.00, 0.12, 0.00, 0.42
HSL	187°, 100%, 29%
HSV	187°, 100%, 58%
XYZ	13.1167, 17.8071, 30.3496
YIQ	92.4810, -82.6620, -21.7500

Conversions

Conversions Part 2

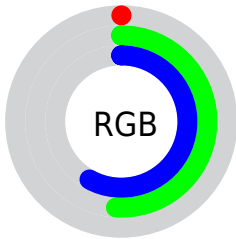
Format	Color
RYB	0, 69, 147
Decimal	33171
CIELab	49.26, -22.91, -18.13
CIELCh	49, 29.217, 218.345
Yxy	17.8071, 0.2141, 0.2906
Android (android.graphics.Color)	4278223251 (0xFF008193)
YUV	92.4810, 26.8779, -81.1058
Hunter-Lab	42.1985, -18.3634, -13.1030

Details

The Hex color **008193** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **931200**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **56B6C9**, and **004F60** is the 20% darker color. If you saturate the color by 10%, you get **008193**, and if you desaturate by 10%, it is **0F8393**.

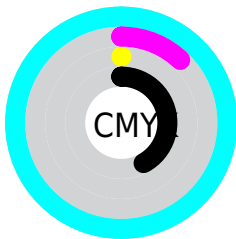
Distribution



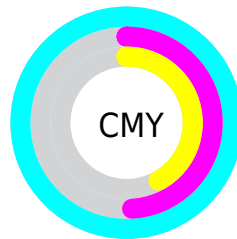
- Red (0%)
- Green (51%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008193 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 008193 by changing the saturation by 10% instead.

 008193

 008193

FFFFFF

 006879

 56B6C9

 004F60

 73D2E5

 003849

 91EEFF

 002332

 AEFFFF

 00021D

 CBFFFF

 000000

 E9FFFF

 008193

 0F8393

 1D8593

 2C8693

 3B8893

 4A8A93

 588C93

 678E93

 768F93

 849193

Harmonies

Analogous

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



20827B



008193



307DA3

Triad

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



008193



9A6488



7F7643

Complementary

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



008193



931200

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.



946D47



008193



A5626F

Square

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



008193



816C9C



A26558



647D4D

Rectangle

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



008193



4E78A6



A26558



877343

Sweetspot

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



008193



86B8BF



009311



3E5D61



E0E0E0



616161

Same Dimension

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



008193



00A8BF



003893



43494A



00798A



00090A

Inverse Universe

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



930081



BF00A8



935B00



4A4349



8A0079



0A0009

Previews

White Background



This preview shows how the Hex color 008193 looks on a white background.

Color Contrast Check

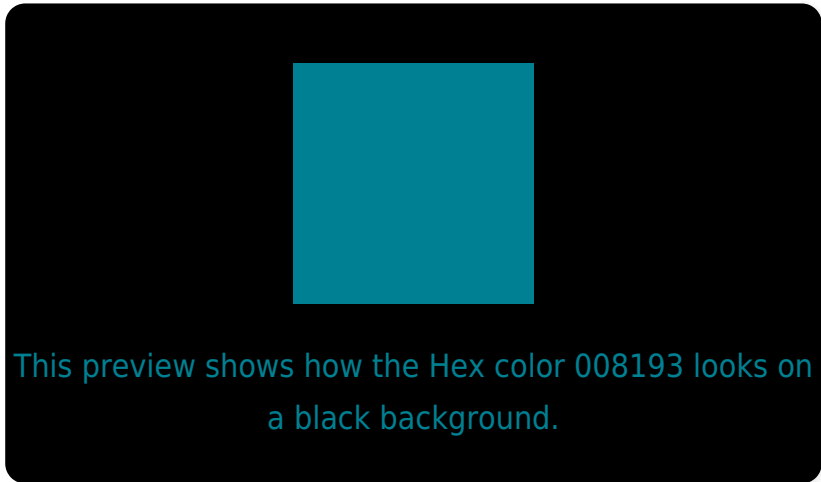
Large Text (above 18pt) WCAG AA ✓ Pass

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

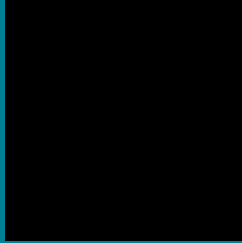
Any Text WCAG AA ✓ Pass

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 008193 Background



This preview shows how black text looks on a background with the Hex color 008193.

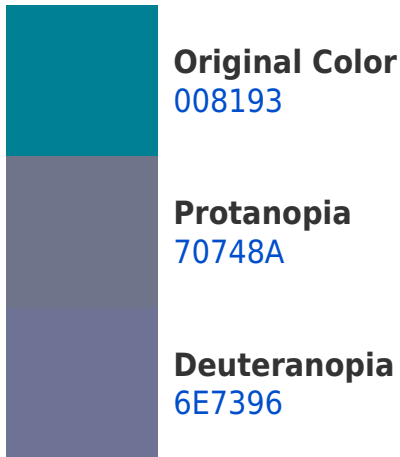


This preview shows how white text looks on a background with the Hex color 008193.

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



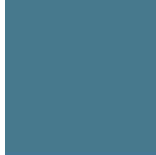


Tritanopia
00828C

Trichromacy



Original Color
008193



Protanomaly
47798D



Deuteranomaly
467895



Tritanomaly
00828F

Monochromacy



Original Color
008193



Achromatopsia
5C5C5C



Achromatomaly
3B6970

CSS Examples

Text

The CSS property to change the color of the text to Hex 008193 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 #008193 looks like.

```
.text, #text, p{  
    color:#008193  
}
```

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 #008193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008193
}
```

Border

The CSS property to change the border of an element to Hex 008193 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
#008193 }
```

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

```
.border{ border-color:#008193 }
```

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

Here you see how a box with a 4 pixel #008193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008193; -webkit-box-shadow:4px 4px  
4px 4px #008193; box-shadow:4px 4px 4px  
4px #008193 }
```

Background

The CSS property to change the background color of an element to Hex 008193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008193 }
```

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

```
.background{ background-color:#008193 }
```

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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