

# Converting Colors

Hex(008595)

Have a look what the booklet for  
Hex(008595) contains.

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# Color

Hex(008595)

# Conversions

## Conversions Part 1

Format	Color
Hex	008595
RGB	0, 133, 149
RGB Percent	0%, 52%, 58%
CMY	1.0000, 0.4784, 0.4157
CMYK	1.00, 0.11, 0.00, 0.42
HSL	186°, 100%, 29%
HSV	186°, 100%, 58%
XYZ	13.8123, 18.9450, 31.3625
YIQ	95.0570, -84.4040, -23.2200

# Conversions

## Conversions Part 2

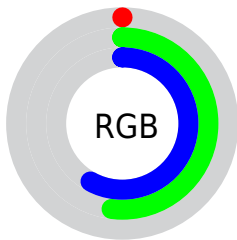
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 149
Decimal	34197
CIELab	50.62, -24.29, -17.22
CIELCh	51, 29.776, 215.324
Yxy	18.9450, 0.2154, 0.2955
Android (android.graphics.Color)	4278224277 (0xFF008595)
YUV	95.0570, 26.5939, -83.3650
Hunter-Lab	43.5258, -19.5256, -12.2533

# Details

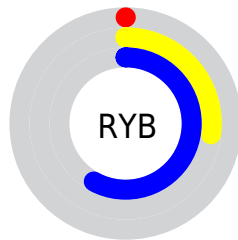
The Hex color **008595** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **951000**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57BACB**, and **005362** is the 20% darker color. If you saturate the color by 10%, you get **008595**, and if you desaturate by 10%, it is **0F8795**.

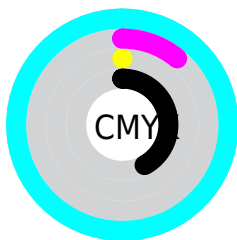
# Distribution



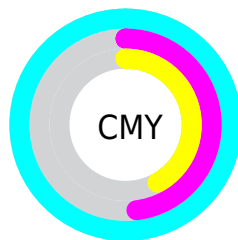
- Red (0%)
- Green (52%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (48%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008595 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 008595 by changing the saturation by 10% instead.



 008595

 008595

FFFFFF

 006C7B

 57BACB

 005362

 75D6E7

 003B4A

 92F3FF

 002634

 AFFFFFF

 00061F

 CDFFFF

 000003

 EBFFFF

 000000

 008595

 0F8795

 1E8895

 2D8A95

 3C8B95

 4B8D95

 598F95

 689095

 779295

 869395

# Harmonies

## Analogous

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



26867C



008595



2D81A6

# Triad

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



008595



9C688E



857845

# Complementary

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



008595



951000

# 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.



9B704B



008595



A96575

# Square

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



008595



8170A2



A8685C



6A804E

# Rectangle

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



008595



4C7CAB



A8685C



8D7646



# Sweetspot

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



008595



88BCC2



00950F



3E5D61



E0E0E0



616161



# Same Dimension

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



008595



00ADC2



003C95



43494A



007B8A



00090A



# Inverse Universe

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



950085



C200AD



955900



4A4349



8A007B



0A0009



# Previews

## White Background



This preview shows how the Hex color 008595 looks on a white background.

## Color Contrast Check

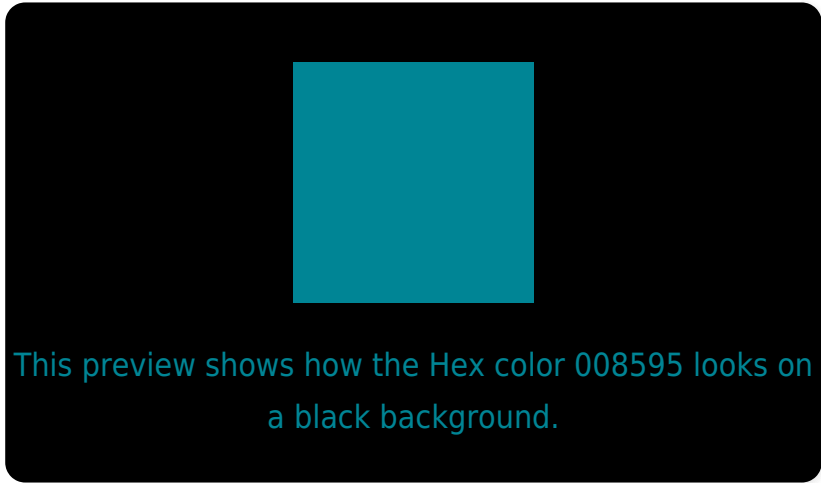
Large Text (above 18pt) WCAG AA ✓ Pass

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

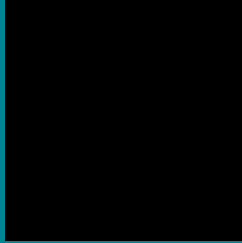
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008595 Background



This preview shows how black text looks on a background with the Hex color 008595.

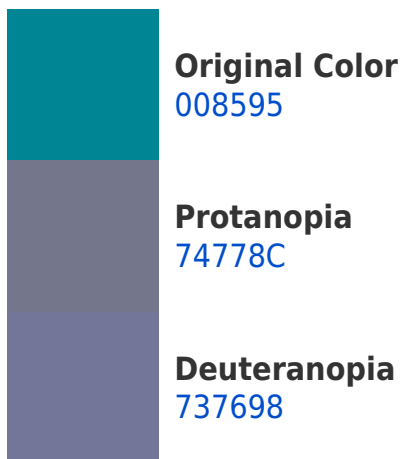


This preview shows how white text looks on a background with the Hex color 008595.

# 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**  
008690

# Trichromacy



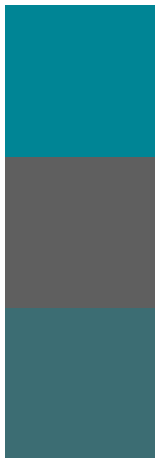
**Original Color**  
008595

**Protanomaly**  
4A7C8F

**Deuteranomaly**  
497B97

**Tritanomaly**  
008692

# Monochromacy



**Original Color**  
008595

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
3C6D73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008595 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 #008595 looks like.

```
.text, #text, p{  
    color:#008595  
}
```

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 #008595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008595
}
```

## Border

The CSS property to change the border of an element to Hex 008595 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
#008595 }
```

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

```
.border{ border-color:#008595 }
```

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

Here you see how a box with a 4 pixel #008595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008595; -webkit-box-shadow:4px 4px  
4px 4px #008595; box-shadow:4px 4px 4px  
4px #008595 }
```

# Background

The CSS property to change the background color of an element to Hex 008595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008595 }
```

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

```
.background{ background-color:#008595 }
```

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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