

# Converting Colors

Hex(04798F)

Have a look what the booklet for  
Hex(04798F) contains.

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# Color

Hex(04798F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	04798F
RGB	4, 121, 143
RGB Percent	2%, 47%, 56%
CMY	0.9843, 0.5255, 0.4392
CMYK	0.97, 0.15, 0.00, 0.44
HSL	189°, 95%, 29%
HSV	189°, 97%, 56%
XYZ	11.8454, 15.6837, 28.3895
YIQ	88.5250, -76.7940, -17.9620

# Conversions

## Conversions Part 2

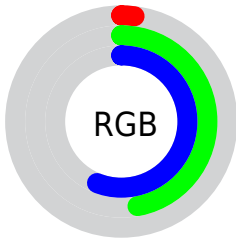
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 68, 143
Decimal	293263
CIELab	46.56, -19.89, -19.91
CIELCh	47, 28.146, 225.033
Yxy	15.6837, 0.2118, 0.2805
Android (android.graphics.Color)	4278483343 (0xFF04798F)
YUV	88.5250, 26.8562, -74.1284
Hunter-Lab	39.6027, -15.9144, -14.7807

# Details

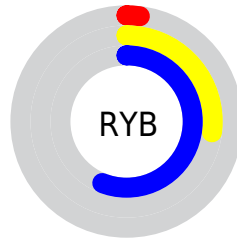
The Hex color **04798F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8F1A04**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55AEC5**, and **00485D** is the 20% darker color. If you saturate the color by 10%, you get **00788F**, and if you desaturate by 10%, it is **127B8F**.

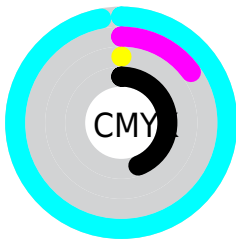
# Distribution



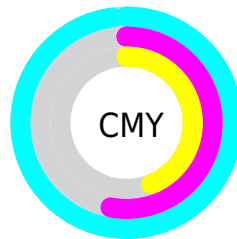
- Red (2%)
- Green (47%)
- Blue (56%)



- Red (2%)
- Yellow (27%)
- Blue (56%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04798F 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 04798F by changing the saturation by 10% instead.



 04798F

 04798F

FFFFFF

 006075

 55AEC5

 00485D

 72C9E1

 003145

 8FE5FD

 001E2F

 ACFFFF

 00011A

 C9FFFF

 000000

 E7FFFF

 04798F

 04798F

 00788F

 127B8F

■ 217E8F

■ 2F808F

■ 3D828F

■ 4B848F

■ 5A878F

■ 68898F

■ 768B8F

■ 858D8F

# Harmonies

## Analogous

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



137B7A



04798F



36749B

# Triad

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



04798F



955D7B



727140

# Complementary

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



04798F



8F1A04

# 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.



886941



04798F



9C5C63

# Square

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



04798F



806490



97614E



58774C

# Rectangle

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



04798F



526F9D



97614E



7A6E3F



# Sweetspot

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



04798F



84B2BA



048F19



3D595E



DEDEDE



5E5E5E



# Same Dimension

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



04798F



009DBA



04358F



404647



007287



000608



# Inverse Universe

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



8F0479



BA009D



8F5E04



474046



870072



080006



# Previews

## White Background



This preview shows how the Hex color 04798F looks on a white background.

## Color Contrast Check

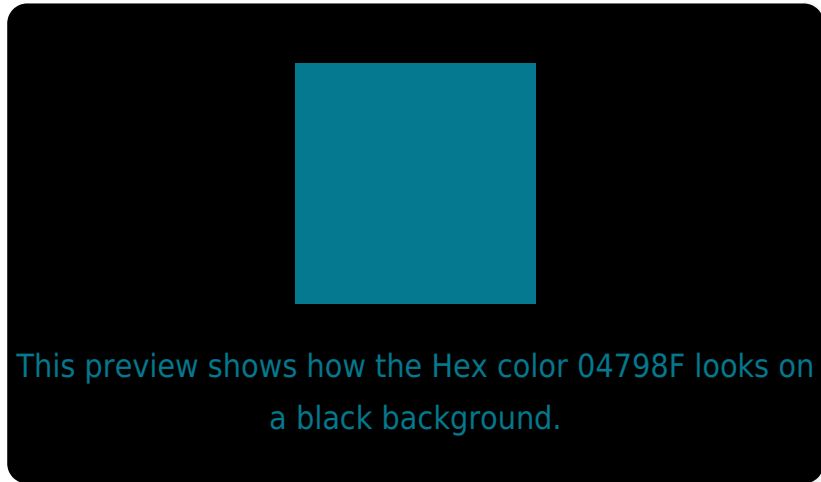
Large Text (above 18pt) WCAG AA ✓ Pass

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 04798F Background



This preview shows how black text looks on a background with the Hex color 04798F.

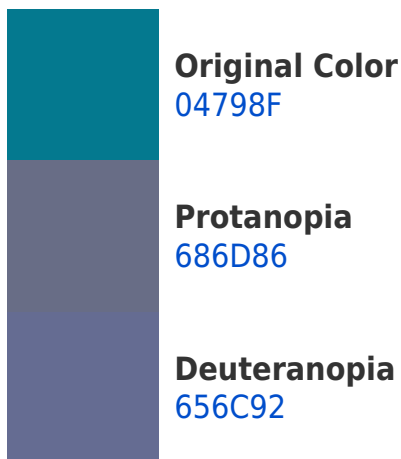


This preview shows how white text looks on a background with the Hex color 04798F.

# 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**  
007A84

# Trichromacy



**Original Color**  
04798F

**Protanomaly**  
447189

**Deuteranomaly**  
427191

**Tritanomaly**  
017A88

# Monochromacy



**Original Color**  
04798F

**Achromatopsia**  
595959

**Achromatomaly**  
3A656D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04798F 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 #04798F looks like.

```
.text, #text, p{  
    color:#04798F  
}
```

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 #04798F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04798F
}
```

## Border

The CSS property to change the border of an element to Hex 04798F 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
#04798F }
```

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

```
.border{ border-color:#04798F }
```

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

Here you see how a box with a 4 pixel #04798F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04798F; -webkit-box-shadow:4px 4px  
4px 4px #04798F; box-shadow:4px 4px 4px  
4px #04798F }
```

# Background

The CSS property to change the background color of an element to Hex 04798F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04798F }
```

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

```
.background{ background-color:#04798F }
```

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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