

Converting Colors

Hex(00748E)

Have a look what the booklet for
Hex(00748E) contains.

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Color

Hex(00748E)

Conversions

Conversions Part 1

Format	Color
Hex	00748E
RGB	0, 116, 142
RGB Percent	0%, 45%, 56%
CMY	1.0000, 0.5451, 0.4431
CMYK	1.00, 0.18, 0.00, 0.44
HSL	191°, 100%, 28%
HSV	191°, 100%, 56%
XYZ	11.1279, 14.4438, 27.7926
YIQ	84.2800, -77.4820, -16.5060

Conversions

Conversions Part 2

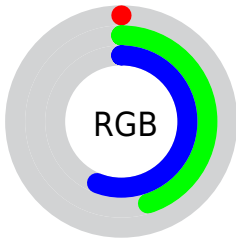
Format	Color
RYB	0, 64, 142
Decimal	29838
CIELab	44.86, -17.74, -21.93
CIELCh	45, 28.207, 231.038
Yxy	14.4438, 0.2085, 0.2707
Android (android.graphics.Color)	4278219918 (0xFF00748E)
YUV	84.2800, 28.4560, -73.9136
Hunter-Lab	38.0050, -14.2438, -16.7546

Details

The Hex color **00748E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8E1A00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53A8C4**, and **00445C** is the 20% darker color. If you saturate the color by 10%, you get **00748E**, and if you desaturate by 10%, it is **0E778E**.

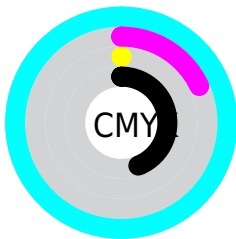
Distribution



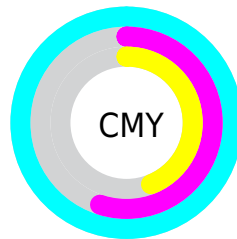
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00748E 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 00748E by changing the saturation by 10% instead.

 00748E

 00748E

FFFFFF

 005B74

 53A8C4

 00445C

 70C3E0

 002D44

 8DDFFC

 001A2E

 AAFCCF

 000119

 C7FFFF

 000000

 E5FFFF

 00748E

 0E778E

 1C798E

 2B7C8E

 397E8E

 47818E

 55848E

 63868E

 72898E

 808B8E

Harmonies

Analogous

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



00767A



00748E



3A6F98

Triad

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



00748E



935872



696E3D

Complementary

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



00748E



8E1A00

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.



80663B



00748E



98585A

Square

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



00748E



815E88



905E46



4E734C

Rectangle

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



00748E



566A98



905E46



716C3B

Sweetspot

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



00748E



81AEB8



008E18



3B565C



DBDBDB



5C5C5C

Same Dimension

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



00748E



0096B8



002F8E



404647



006E87



000608

Inverse Universe

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



8E0074



B80096



8E5F00



474046



87006E



080006

Previews

White Background



This preview shows how the Hex color 00748E looks on a white background.

Color Contrast Check

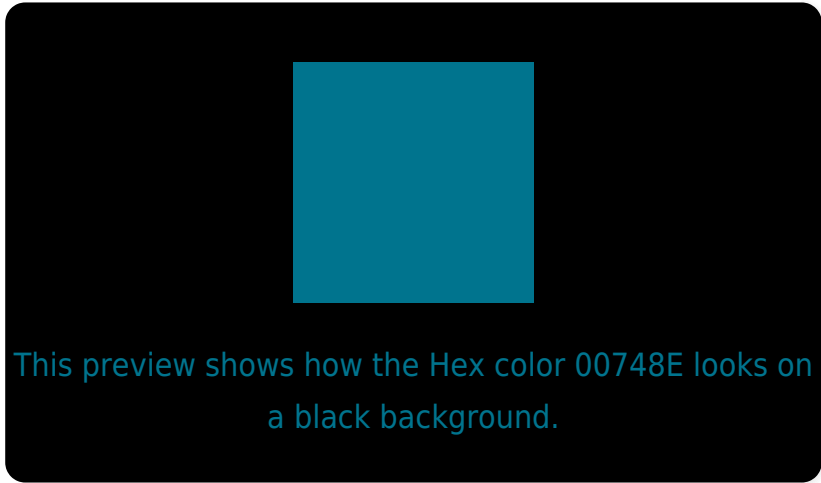
Large Text (above 18pt) WCAG AA ✓ Pass

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

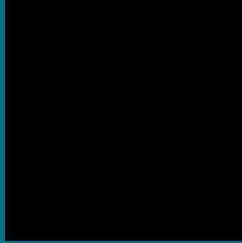
Any Text WCAG AA × Fail

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 00748E Background



This preview shows how black text looks on a background with the Hex color 00748E.

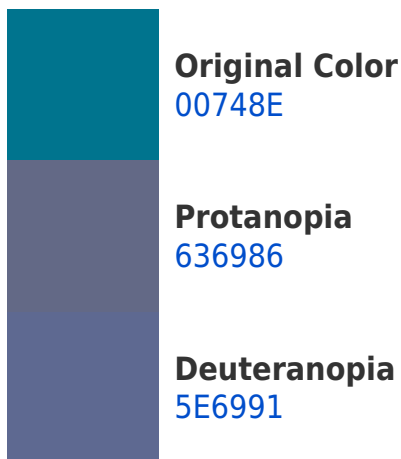


This preview shows how white text looks on a background with the Hex color 00748E.

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](#).

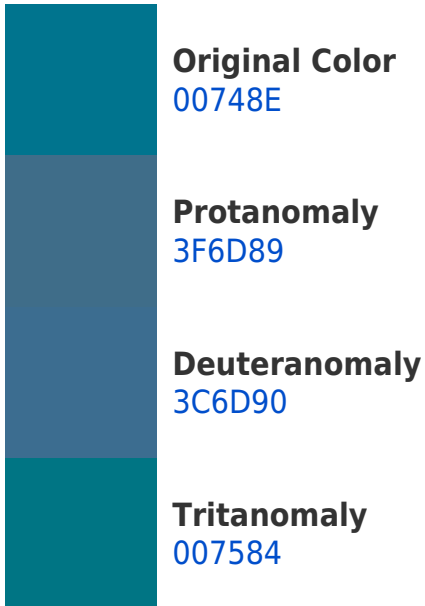
Dichromacy



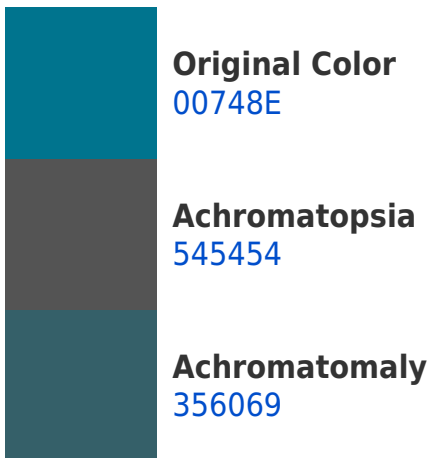


Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00748E 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 #00748E looks like.

```
.text, #text, p{  
    color:#00748E  
}
```

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 #00748E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00748E
}
```

Border

The CSS property to change the border of an element to Hex 00748E 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
#00748E }
```

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

```
.border{ border-color:#00748E }
```

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

Here you see how a box with a 4 pixel #00748E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00748E; -webkit-box-shadow:4px 4px  
4px 4px #00748E; box-shadow:4px 4px 4px  
4px #00748E }
```

Background

The CSS property to change the background color of an element to Hex 00748E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00748E }
```

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

```
.background{ background-color:#00748E }
```

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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