

Converting Colors

Hex(00768B)

Have a look what the booklet for
Hex(00768B) contains.

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Color

Hex(00768B)

Conversions

Conversions Part 1

Format	Color
Hex	00768B
RGB	0, 118, 139
RGB Percent	0%, 46%, 55%
CMY	1.0000, 0.5373, 0.4549
CMYK	1.00, 0.15, 0.00, 0.45
HSL	189°, 100%, 27%
HSV	189°, 100%, 55%
XYZ	11.1386, 14.8209, 26.6998
YIQ	85.1120, -77.0690, -18.4850

Conversions

Conversions Part 2

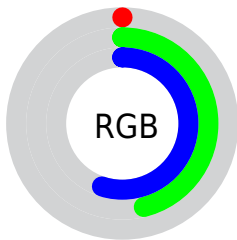
Format	Color
RYB	0, 64, 139
Decimal	30347
CIELab	45.39, -19.92, -19.34
CIELCh	45, 27.767, 224.154
Yxy	14.8209, 0.2115, 0.2814
Android (android.graphics.Color)	4278220427 (0xFF00768B)
YUV	85.1120, 26.5668, -74.6432
Hunter-Lab	38.4980, -15.7260, -14.1712

Details

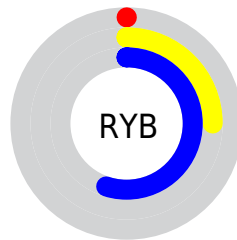
The Hex color **00768B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8B1500**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **53AAC1**, and **004559** is the 20% darker color. If you saturate the color by 10%, you get **00768B**, and if you desaturate by 10%, it is **0E788B**.

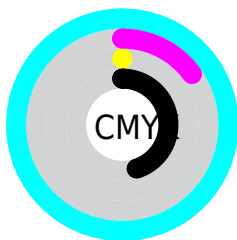
Distribution



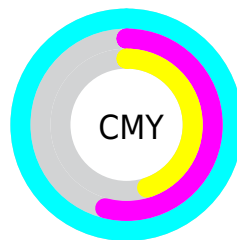
- Red (0%)
- Green (46%)
- Blue (55%)



- Red (0%)
- Yellow (25%)
- Blue (55%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00768B 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 00768B by changing the saturation by 10% instead.

 00768B

 00768B

FFFFFF

 005D71

 53AAC1

 004559

 70C6DC

 002F41

 8DE2F9

 001C2B

 AAFFFF

 000117

 C7FFFF

 000000

 E4FFFF

 00768B

 0E788B


 1C7A8B

 2A7C8B

 387E8B

 46818B

 53838B

 61858B

 6F878B

 7D898B

Harmonies

Analogous

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



127876



00768B



327198

Triad

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



00768B



915B79



706E3E

Complementary

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



00768B



8B1500

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.



85663F



00768B



995961

Square

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



00768B



7C618D



945E4C



567349

Rectangle

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



00768B



4F6D99



945E4C



776B3D

Sweetspot

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



00768B



7FADB5



008B15



3B575C



DBDBDB



5C5C5C

Same Dimension

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



00768B



009AB5



00318B



3E4445



007185



000405

Inverse Universe

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



8B0076



B5009A



8B5A00



453E44



850071



050004

Previews

White Background



This preview shows how the Hex color 00768B looks on a white background.

Color Contrast Check

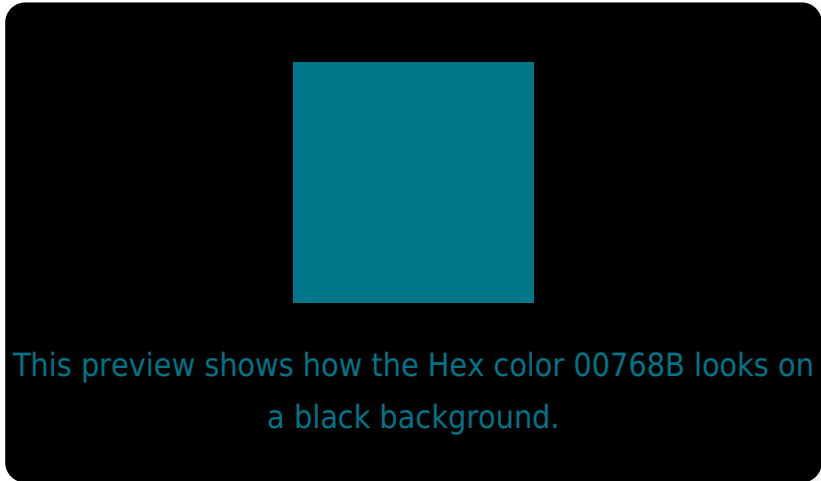
Large Text (above 18pt) WCAG AA ✓ Pass

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

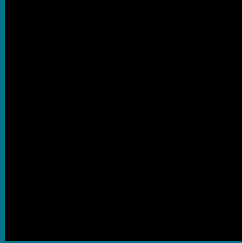
Any Text WCAG AA × Fail

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 00768B Background



This preview shows how black text looks on a background with the Hex color 00768B.

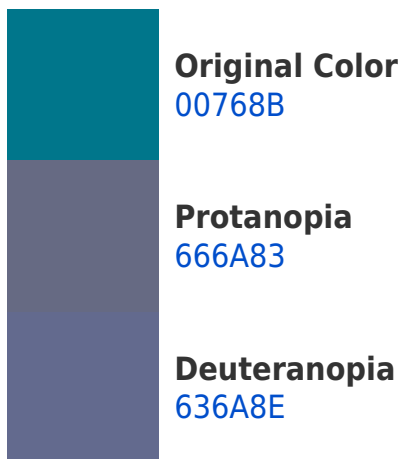


This preview shows how white text looks on a background with the Hex color 00768B.

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



Trichromacy

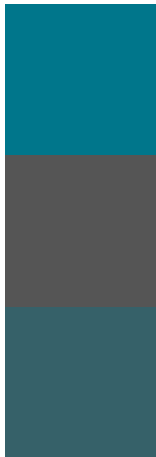


Original Color
00768B

Protanomaly
416E86

Deuteranomaly
3F6E8D

Monochromacy



Original Color
00768B

Achromatopsia
555555

Achromatomaly
366169

CSS Examples

Text

The CSS property to change the color of the text to Hex 00768B 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 #00768B looks like.

```
.text, #text, p{  
    color:#00768B  
}
```

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 #00768B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00768B
}
```

Border

The CSS property to change the border of an element to Hex 00768B 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
#00768B }
```

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

```
.border{ border-color:#00768B }
```

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

Here you see how a box with a 4 pixel #00768B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00768B; -webkit-box-shadow:4px 4px  
4px 4px #00768B; box-shadow:4px 4px 4px  
4px #00768B }
```

Background

The CSS property to change the background color of an element to Hex 00768B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00768B }
```

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

```
.background{ background-color:#00768B }
```

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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