

Converting Colors

Hex(00668E)

Have a look what the booklet for
Hex(00668E) contains.

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Color

Hex(00668E)

Conversions

Conversions Part 1

Format	Color
Hex	00668E
RGB	0, 102, 142
RGB Percent	0%, 40%, 56%
CMY	1.0000, 0.6000, 0.4431
CMYK	1.00, 0.28, 0.00, 0.44
HSL	197°, 100%, 28%
HSV	197°, 100%, 56%
XYZ	9.6339, 11.4557, 27.2946
YIQ	76.0620, -73.6320, -9.1840

Conversions

Conversions Part 2

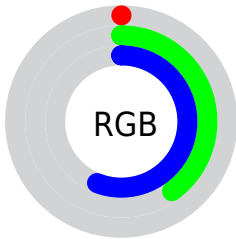
Format	Color
RYB	0, 59, 142
Decimal	26254
CIELab	40.34, -9.71, -28.97
CIELCh	40, 30.556, 251.473
Yxy	11.4557, 0.1991, 0.2368
Android (android.graphics.Color)	4278216334 (0xFF00668E)
YUV	76.0620, 32.5074, -66.7064
Hunter-Lab	33.8463, -8.4237, -24.1207

Details

The Hex color **00668E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E2800**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5199C4**, and **00375B** is the 20% darker color. If you saturate the color by 10%, you get **00668E**, and if you desaturate by 10%, it is **0E6A8E**.

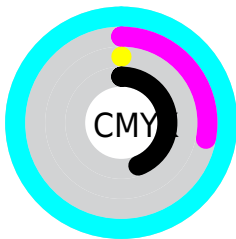
Distribution



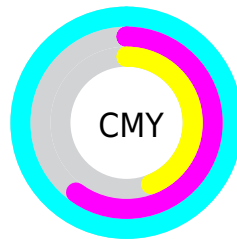
- Red (0%)
- Green (40%)
- Blue (56%)



- Red (0%)
- Yellow (23%)
- Blue (56%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00668E 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 00668E by changing the saturation by 10% instead.

 00668E

 00668E

FFFFFF

 004E74

 5199C4

 00375B

 6FB4E0

 002244

 8BCFFD

 00062D

 A8EBFF

 000118

 C5FFFF

 000000

 E2FFFF

 00668E

 0E6A8E

 1C6E8E

 2B728E

 39768E

 477A8E

 557E8E

 63828E

 72868E

 808A8E

Harmonies

Analogous

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



006B7F



00668E



485E90

Triad

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



00668E



8F4B56



4A6738

Complementary

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



00668E



8E2800

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.



65612D



00668E



8A503F

Square

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



00668E



854D70



7B5830



266B4E

Rectangle

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



00668E



63588A



7B5830



536533

Sweetspot

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



00668E



81A8B8



008E26



3B525C



DBDBDB



5C5C5C

Same Dimension

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



00668E



0084B8



00218E



404547



006187



000508

Inverse Universe

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



8E0066



B80084



8E6D00



474045



870061



080005

Previews

White Background



This preview shows how the Hex color 00668E looks on a white background.

Color Contrast Check

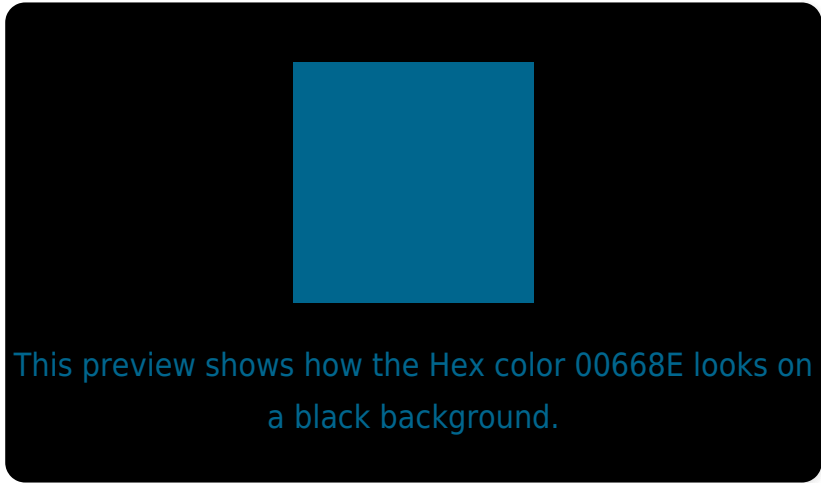
Large Text (above 18pt) WCAG AA ✓ Pass

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

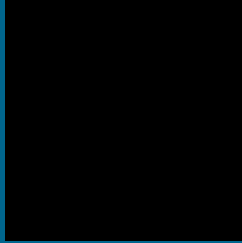
Any Text WCAG AA × Fail

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 00668E Background



This preview shows how black text looks on a background with the Hex color 00668E.

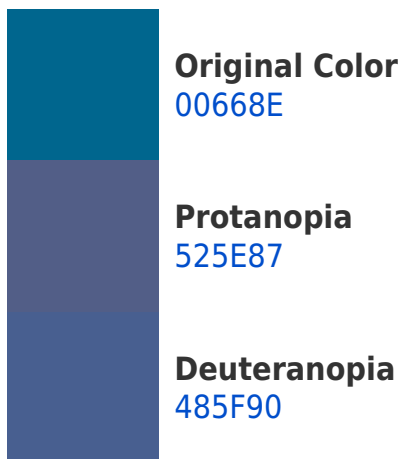


This preview shows how white text looks on a background with the Hex color 00668E.

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](#).

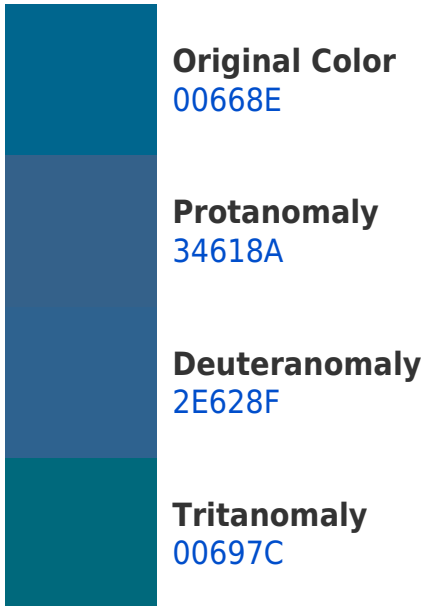
Dichromacy





Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00668E 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 #00668E looks like.

```
.text, #text, p{  
    color:#00668E  
}
```

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 #00668E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00668E
}
```

Border

The CSS property to change the border of an element to Hex 00668E 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
#00668E }
```

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

```
.border{ border-color:#00668E }
```

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

Here you see how a box with a 4 pixel #00668E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00668E; -webkit-box-shadow:4px 4px  
4px 4px #00668E; box-shadow:4px 4px 4px  
4px #00668E }
```

Background

The CSS property to change the background color of an element to Hex 00668E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00668E }
```

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

```
.background{ background-color:#00668E }
```

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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