

# Converting Colors

Hex(08668B)

Have a look what the booklet for  
Hex(08668B) contains.

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# Color

**Hex(08668B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	08668B
RGB	8, 102, 139
RGB Percent	3%, 40%, 55%
CMY	0.9686, 0.6000, 0.4549
CMYK	0.94, 0.27, 0.00, 0.45
HSL	197°, 89%, 29%
HSV	197°, 94%, 55%
XYZ	9.5117, 11.4184, 26.1288
YIQ	78.1120, -67.9010, -8.4210

# Conversions

## Conversions Part 2

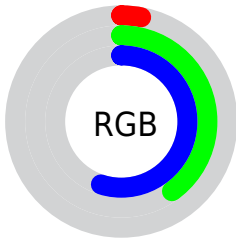
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 63, 139
Decimal	550539
CIELab	40.28, -10.43, -27.26
CIELCh	40, 29.185, 249.051
Yxy	11.4184, 0.2021, 0.2426
Android (android.graphics.Color)	4278740619 (0xFF08668B)
YUV	78.1120, 30.0178, -61.4882
Hunter-Lab	33.7912, -8.8895, -22.1917

# Details

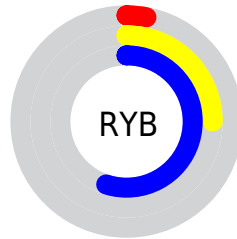
The Hex color **08668B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8B2D08**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5399C1**, and **003759** is the 20% darker color. If you saturate the color by 10%, you get **00648B**, and if you desaturate by 10%, it is **166A8B**.

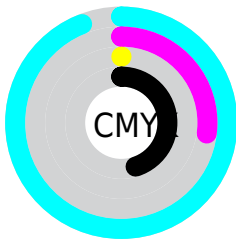
# Distribution



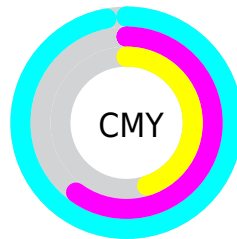
- Red (3%)
- Green (40%)
- Blue (55%)



- Red (3%)
- Yellow (25%)
- Blue (55%)



- Cyan (94%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (97%)
- Magenta (60%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08668B 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 08668B by changing the saturation by 10% instead.



08668B

08668B

FFFFFF

004E71

5399C1

003759

70B4DD

002241

8CCFF9

00052B

A9EBFF

000115

C6FFFF

000000

E3FFFF

08668B

08668B

00648B

166A8B

■ 246E8B

■ 32728B

■ 40768B

■ 4D7A8B

■ 5B7E8B

■ 69818B

■ 77858B

■ 85898B

# Harmonies

## Analogous

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



006A7C



08668B



465F8E

# Triad

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



08668B



8C4C59



4D6639

# Complementary

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



08668B



8B2D08

# 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.



67602F



08668B



895042

# Square

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



08668B



824E70



7C5832



2D6A4D

# Rectangle

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



08668B



605989



7C5832



566434



# Sweetspot

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



08668B



82A7B5



088B2B



3D535C



DBDBDB



5C5C5C



# Same Dimension

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



08668B



0082B5



08278B



3E4345



005F85



000405



# Inverse Universe

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



8B0866



B50082



8B6C08



453E43



85005F



050004



# Previews

## White Background



This preview shows how the Hex color 08668B looks on a white background.

## Color Contrast Check

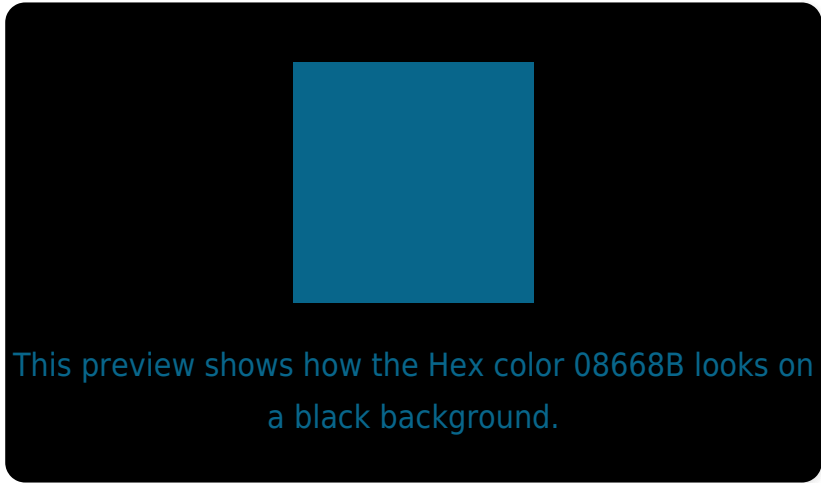
Large Text (above 18pt) WCAG AA ✓ Pass

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

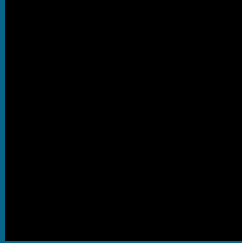
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 08668B Background



This preview shows how black text looks on a background with the Hex color 08668B.

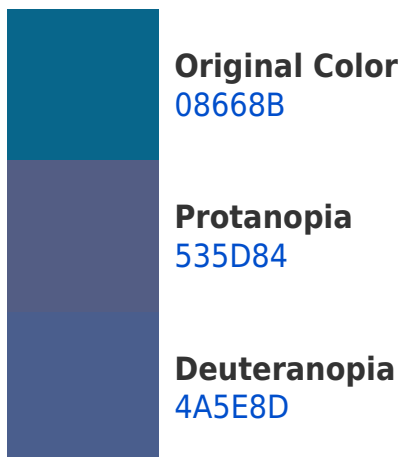


This preview shows how white text looks on a background with the Hex color 08668B.

# 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**  
08668B

**Protanomaly**  
386087

**Deuteranomaly**  
32618C

**Tritanomaly**  
03687A

# Monochromacy



**Original Color**  
08668B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
355764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08668B 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 #08668B looks like.

```
.text, #text, p{  
    color:#08668B  
}
```

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 #08668B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08668B
}
```

## Border

The CSS property to change the border of an element to Hex 08668B 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
#08668B }
```

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

```
.border{ border-color:#08668B }
```

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

Here you see how a box with a 4 pixel #08668B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08668B; -webkit-box-shadow:4px 4px  
4px 4px #08668B; box-shadow:4px 4px 4px  
4px #08668B }
```

# Background

The CSS property to change the background color of an element to Hex 08668B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08668B }
```

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

```
.background{ background-color:#08668B }
```

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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