

Converting Colors

Hex(0068A8)

Have a look what the booklet for
Hex(0068A8) contains.

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Color

Hex(0068A8)

Conversions

Conversions Part 1

Format	Color
Hex	0068A8
RGB	0, 104, 168
RGB Percent	0%, 41%, 66%
CMY	1.0000, 0.5922, 0.3412
CMYK	1.00, 0.38, 0.00, 0.34
HSL	203°, 100%, 33%
HSV	203°, 100%, 66%
XYZ	12.0182, 12.7278, 38.8691
YIQ	80.2000, -82.5280, -2.1440

Conversions

Conversions Part 2

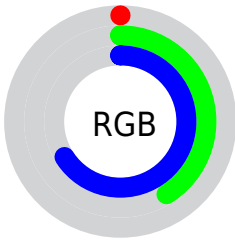
Format	Color
RYB	0, 64, 168
Decimal	26792
CIELab	42.35, -0.55, -41.27
CIELCh	42, 41.277, 269.237
Yxy	12.7278, 0.1889, 0.2001
Android (android.graphics.Color)	4278216872 (0xFF0068A8)
YUV	80.2000, 43.2854, -70.3354
Hunter-Lab	35.6760, -2.3016, -39.6233

Details

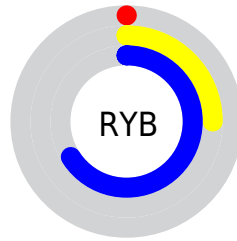
The Hex color **0068A8** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A84000**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **589BE0**, and **003A73** is the 20% darker color. If you saturate the color by 10%, you get **0068A8**, and if you desaturate by 10%, it is **116EA8**.

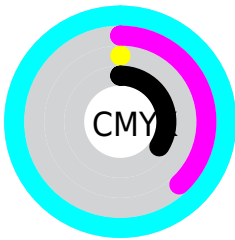
Distribution



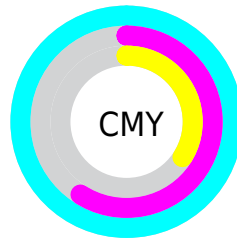
- Red (0%)
- Green (41%)
- Blue (66%)



- Red (0%)
- Yellow (25%)
- Blue (66%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0068A8 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 0068A8 by changing the saturation by 10% instead.

0068A8

0068A8

FFFFFF

00508D

589BE0

003A73

77B5FC

00255A

94D1FF

000F43

B2EDFF

00032C

CFFFFFF

000116

EDFFFF

000000

0068A8

116EA8

■ 2275A8

■ 327BA8

■ 4382A8

■ 5488A8

■ 658EA8

■ 7695A8

■ 869BA8

■ 97A2A8

Harmonies

Analogous

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



00709E



0068A8



635BA0

Triad

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



0068A8



A14945



257240

Complementary

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



0068A8



A84000

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.



556C24



0068A8



915529

Square

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



0068A8



A04566



77621B



007462

Rectangle

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



0068A8



815291



77621B



397035

Sweetspot

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



0068A8



9AC2DB



00A83E



465F6E



EDEDED



6E6E6E

Same Dimension

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



0068A8



0088DB



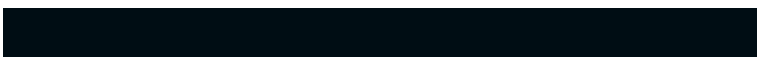
0016A8



4C5154



005C94



000D14

Inverse Universe

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



A80068



DB0088



A89200



544C51



94005C



14000D

Previews

White Background



This preview shows how the Hex color 0068A8 looks on a white background.

Color Contrast Check

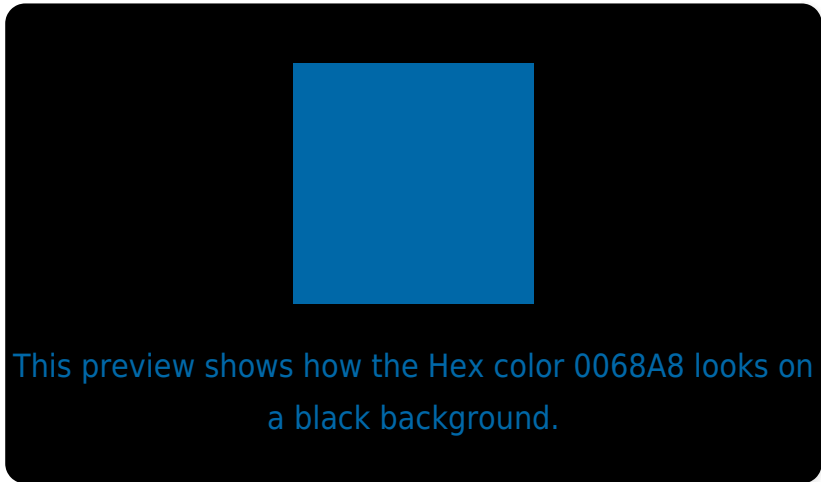
Large Text (above 18pt) WCAG AA ✓ Pass

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

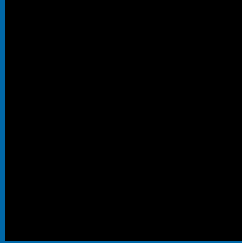
Any Text WCAG AA × Fail

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 0068A8 Background



This preview shows how black text looks on a background with the Hex color 0068A8.

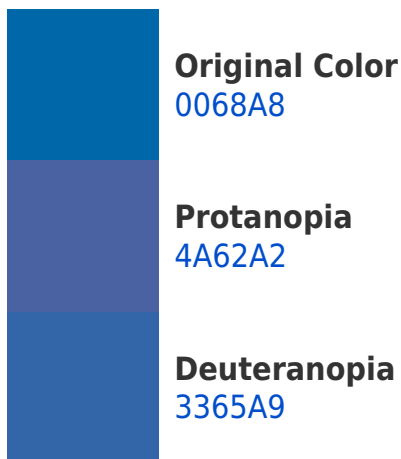


This preview shows how white text looks on a background with the Hex color 0068A8.

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](#).

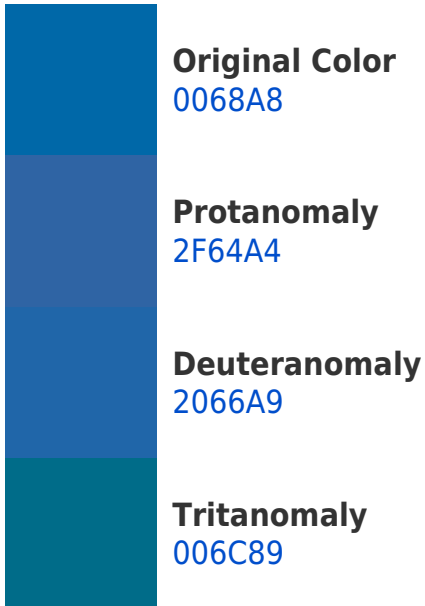
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0068A8 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 #0068A8 looks like.

```
.text, #text, p{  
    color:#0068A8  
}
```

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 #0068A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0068A8
}
```

Border

The CSS property to change the border of an element to Hex 0068A8 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
#0068A8 }
```

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

```
.border{ border-color:#0068A8 }
```

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

Here you see how a box with a 4 pixel #0068A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0068A8; -webkit-box-shadow:4px 4px  
4px 4px #0068A8; box-shadow:4px 4px 4px  
4px #0068A8 }
```

Background

The CSS property to change the background color of an element to Hex 0068A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0068A8 }
```

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

```
.background{ background-color:#0068A8 }
```

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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