

Converting Colors

Hex(0068AA)

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

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Color

Hex(0068AA)

Conversions

Conversions Part 1

Format	Color
Hex	0068AA
RGB	0, 104, 170
RGB Percent	0%, 41%, 67%
CMY	1.0000, 0.5922, 0.3333
CMYK	1.00, 0.39, 0.00, 0.33
HSL	203°, 100%, 33%
HSV	203°, 100%, 67%
XYZ	12.2060, 12.8029, 39.8581
YIQ	80.4280, -83.1700, -1.5220

Conversions

Conversions Part 2

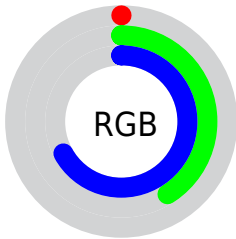
Format	Color
RYB	0, 65, 170
Decimal	26794
CIELab	42.46, 0.26, -42.27
CIELCh	42, 42.270, 270.348
Yxy	12.8029, 0.1882, 0.1974
Android (android.graphics.Color)	4278216874 (0xFF0068AA)
YUV	80.4280, 44.1590, -70.5354
Hunter-Lab	35.7812, -1.7254, -40.9988

Details

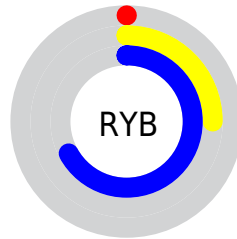
The Hex color **0068AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA4200**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **599BE2**, and **003A75** is the 20% darker color. If you saturate the color by 10%, you get **0068AA**, and if you desaturate by 10%, it is **116FAA**.

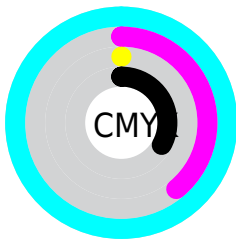
Distribution



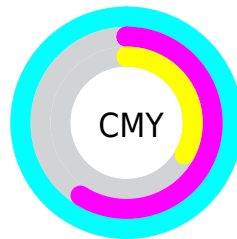
- Red (0%)
- Green (41%)
- Blue (67%)



- Red (0%)
- Yellow (25%)
- Blue (67%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 0068AA

■ 0068AA

FFFFFF

■ 00508F

■ 599BE2

■ 003A75

■ 77B5FF

■ 00255C

■ 95D1FF

■ 000F44

■ B2EDFF

■ 00032D

■ D0FFFF

■ 000118

■ EEEFFF

■ 000000

■ 0068AA

■ 116FAA

■ 2275AA

■ 337CAA

■ 4482AA

■ 5589AA

■ 6690AA

■ 7796AA

■ 889DAA

■ 99A3AA

Harmonies

Analogous

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



0071A0



0068AA



655BA1

Triad

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



0068AA



A24943



207240

Complementary

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



0068AA



AA4200

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.



536C24



0068AA



925527

Square

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



0068AA



A24465



766319



007564

Rectangle

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



0068AA



845191



766319



367136

Sweetspot

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



0068AA



9BC4DE



00AA41



486170



F0F0F0



707070

Same Dimension

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



0068AA



0088DE



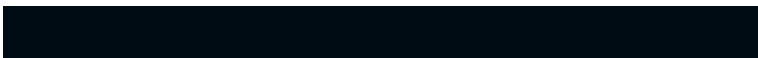
0014AA



4C5154



005A94



000C14

Inverse Universe

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



AA0068



DE0088



AA9600



544C51



94005A



14000C

Previews

White Background



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

Color Contrast Check

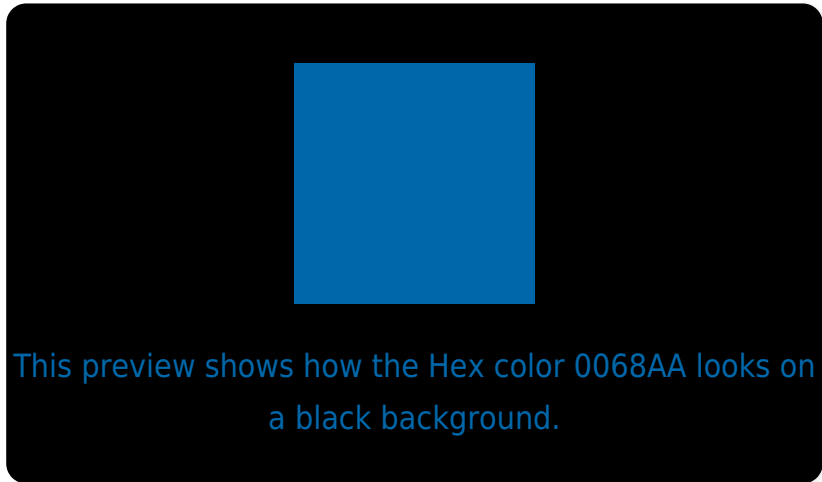
Large Text (above 18pt) WCAG AA ✓ Pass

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

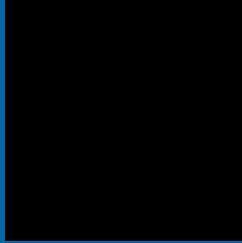
Any Text WCAG AA × Fail

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 0068AA Background



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

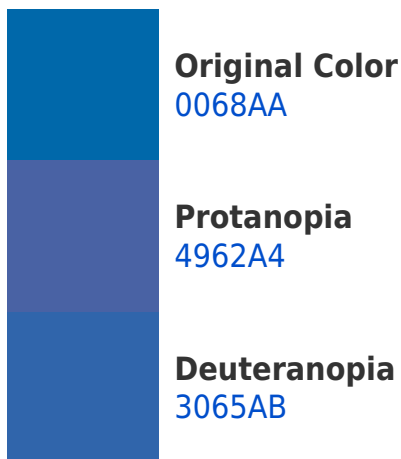


This preview shows how white text looks on a background with the Hex color 0068AA.

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](#).

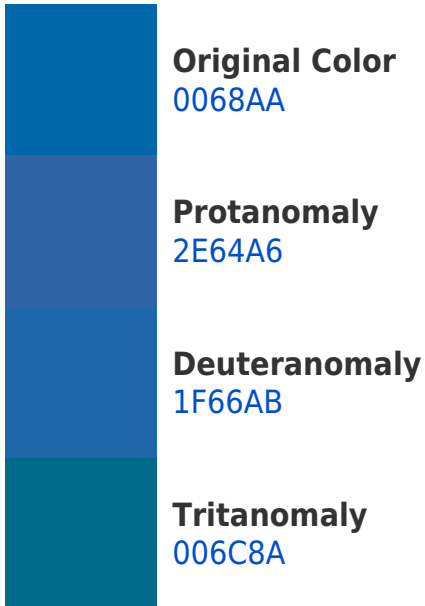
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0068AA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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