

# Converting Colors

Hex(0062AA)

Have a look what the booklet for  
Hex(0062AA) contains.

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# Color

**Hex(0062AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0062AA
RGB	0, 98, 170
RGB Percent	0%, 38%, 67%
CMY	1.0000, 0.6157, 0.3333
CMYK	1.00, 0.42, 0.00, 0.33
HSL	205°, 100%, 33%
HSV	205°, 100%, 67%
XYZ	11.6234, 11.6376, 39.6639
YIQ	76.9060, -81.5200, 1.6160

# Conversions

## Conversions Part 2

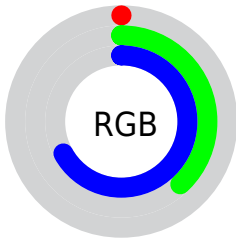
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 170
Decimal	25258
CIELab	40.63, 4.07, -45.19
CIELCh	41, 45.375, 275.143
Yxy	11.6376, 0.1847, 0.1849
Android (android.graphics.Color)	4278215338 (0xFF0062AA)
YUV	76.9060, 45.8953, -67.4466
Hunter-Lab	34.1140, 1.1194, -45.0559

# Details

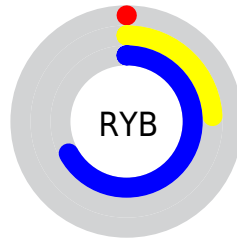
The Hex color **0062AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA4800**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5994E2**, and **003475** is the 20% darker color. If you saturate the color by 10%, you get **0062AA**, and if you desaturate by 10%, it is **1169AA**.

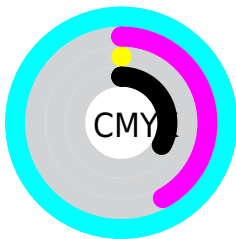
# Distribution



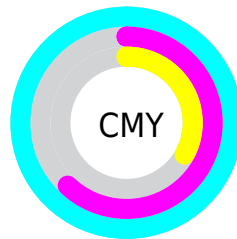
- Red (0%)
- Green (38%)
- Blue (67%)



- Red (0%)
- Yellow (24%)
- Blue (67%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (62%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0062AA 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 0062AA by changing the saturation by 10% instead.



0062AA

0062AA

FFFFFF

004B8F

5994E2

003475

77AFFF

00205C

95CAFF

000744

B2E6FF

00032D

D0FFFF

000117

EEFFFF

000000

0062AA

1169AA

 2270AA

 3378AA

 447FAA

 5586AA

 668DAA

 7794AA

 889CAA

 99A3AA

# Harmonies

## Analogous

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



006CA3



0062AA



69539D

# Triad

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



0062AA



9E4337



006F3F

# Complementary

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



0062AA



AA4800

# 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.



466A1D



0062AA



8B5219

# Square

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



0062AA



A23C5B



6D6009



007165

# Rectangle

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



0062AA



87488B



6D6009



206E33



# Sweetspot

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



0062AA



9BC2DE



00AA47



485F70



F0F0F0



707070



# Same Dimension

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



0062AA



0080DE



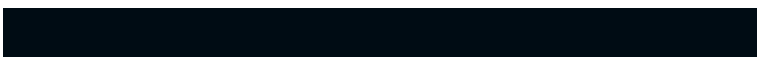
000EAA



4C5154



005594



000C14



# Inverse Universe

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



AA0062



DE0080



AA9C00



544C51



940055



14000C



# Previews

## White Background



This preview shows how the Hex color 0062AA looks on a white background.

### Color Contrast Check

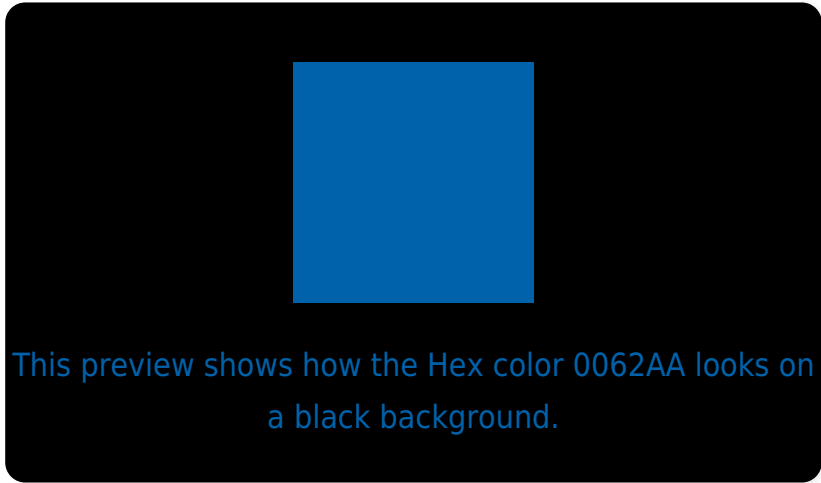
Large Text (above 18pt) WCAG AA ✓ Pass

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

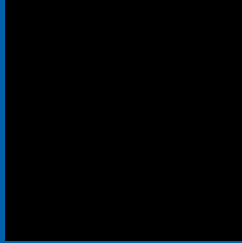
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0062AA Background



This preview shows how black text looks on a background with the Hex color 0062AA.

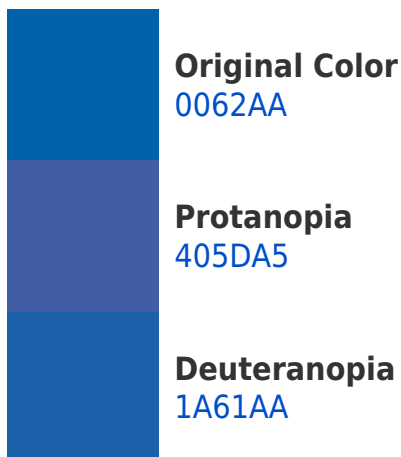


This preview shows how white text looks on a background with the Hex color 0062AA.

# 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](#).

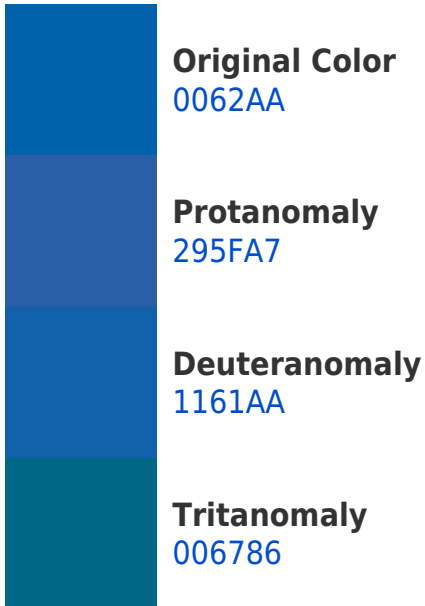
## Dichromacy



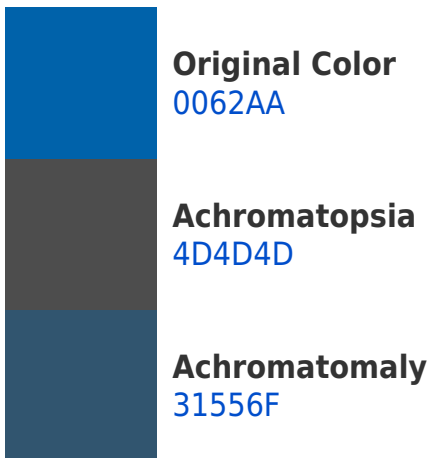


**Tritanopia**  
006A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0062AA 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 #0062AA looks like.

```
.text, #text, p{  
    color:#0062AA  
}
```

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 #0062AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0062AA
}
```

## Border

The CSS property to change the border of an element to Hex 0062AA 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
#0062AA }
```

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

```
.border{ border-color:#0062AA }
```

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

Here you see how a box with a 4 pixel #0062AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0062AA; -webkit-box-shadow:4px 4px  
4px 4px #0062AA; box-shadow:4px 4px 4px  
4px #0062AA }
```

# Background

The CSS property to change the background color of an element to Hex 0062AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0062AA }
```

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

```
.background{ background-color:#0062AA }
```

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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