

# Converting Colors

Hex(0060A0)

Have a look what the booklet for  
Hex(0060A0) contains.

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# Color

**Hex(0060A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0060A0
RGB	0, 96, 160
RGB Percent	0%, 38%, 63%
CMY	1.0000, 0.6235, 0.3725
CMYK	1.00, 0.40, 0.00, 0.37
HSL	204°, 100%, 31%
HSV	204°, 100%, 63%
XYZ	10.5280, 10.9038, 34.8075
YIQ	74.5920, -77.7600, -0.4480

# Conversions

## Conversions Part 2

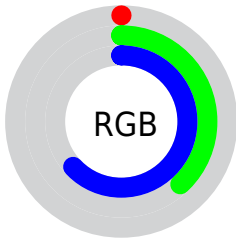
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 160
Decimal	24736
CIELab	39.42, 1.26, -41.20
CIELCh	39, 41.223, 271.745
Yxy	10.9038, 0.1872, 0.1939
Android (android.graphics.Color)	4278214816 (0xFF0060A0)
YUV	74.5920, 42.1061, -65.4172
Hunter-Lab	33.0209, -0.8756, -39.3832

# Details

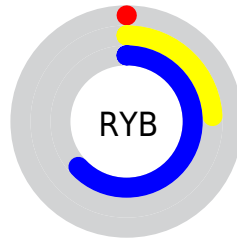
The Hex color **0060A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A04000**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5692D7**, and **00336C** is the 20% darker color. If you saturate the color by 10%, you get **0060A0**, and if you desaturate by 10%, it is **1066A0**.

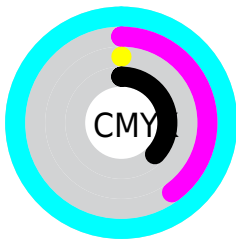
# Distribution



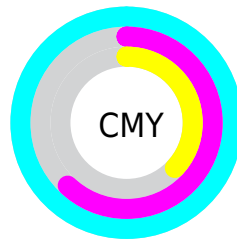
- Red (0%)
- Green (38%)
- Blue (63%)



- Red (0%)
- Yellow (24%)
- Blue (63%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (62%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0060A0 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 0060A0 by changing the saturation by 10% instead.



0060A0

0060A0

FFFFFF

004986

5692D7

00336C

74ADF4

001E53

91C8FF

00063C

AEE4FF

000225

CCFFFF

00010E

EAffff

000000

0060A0

1066A0

■ 206DA0

■ 3073A0

■ 407AA0

■ 5080A0

■ 6086A0

■ 708DA0

■ 8093A0

■ 909AA0

# Harmonies

## Analogous

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



006898



0060A0



605396

# Triad

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



0060A0



97433B



156B3C

# Complementary

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



0060A0



A04000

# 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.



4B651F



0060A0



874F21

# Square

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



0060A0



993D5C



6D5C13



006D5E

# Rectangle

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



0060A0



7D4987



6D5C13



2D6931



# Sweetspot

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



0060A0



92B8D1



00A040



435969



E8E8E8



696969



# Same Dimension

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



0060A0



007DD1



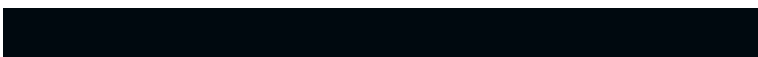
0010A0



474C4F



00568F



00090F



# Inverse Universe

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



A00060



D1007D



A09000



4F474C



8F0056



0F0009



# Previews

## White Background



This preview shows how the Hex color 0060A0 looks on a white background.

## Color Contrast Check

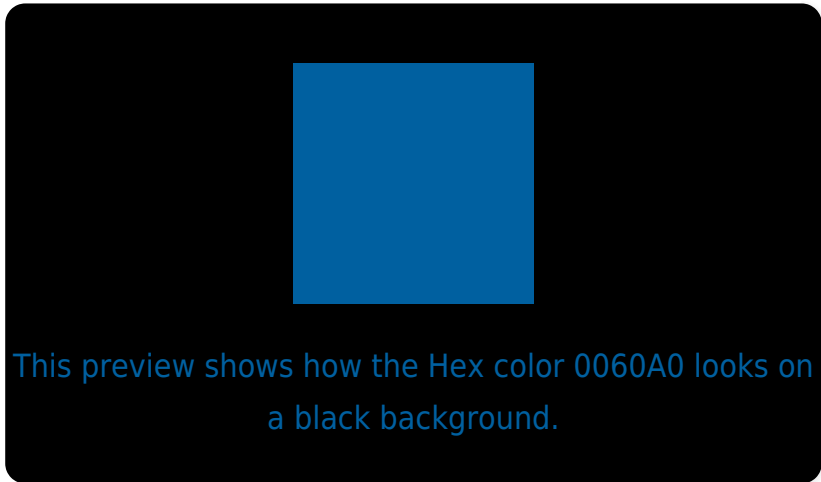
Large Text (above 18pt) WCAG AA ✓ Pass

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

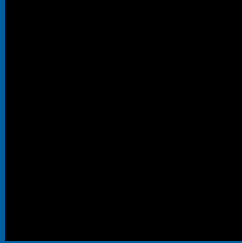
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0060A0 Background



This preview shows how black text looks on a background with the Hex color 0060A0.



This preview shows how white text looks on a background with the Hex color 0060A0.

# 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](#).

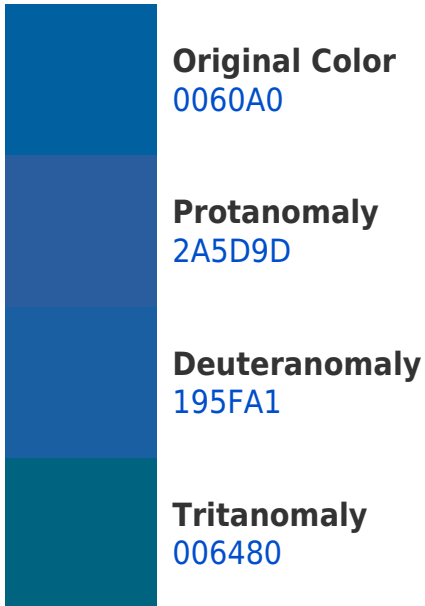
## Dichromacy



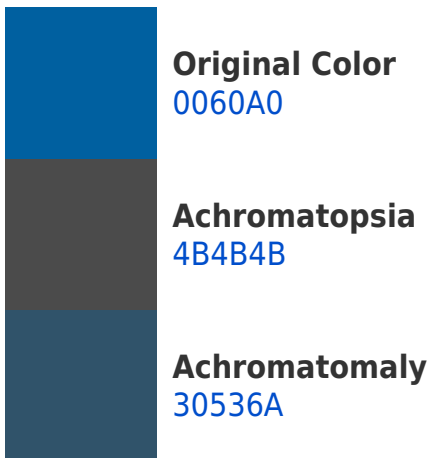


**Tritanopia**  
00676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0060A0 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 #0060A0 looks like.

```
.text, #text, p{  
    color:#0060A0  
}
```

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 #0060A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060A0
}
```

## Border

The CSS property to change the border of an element to Hex 0060A0 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
#0060A0 }
```

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

```
.border{ border-color:#0060A0 }
```

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

Here you see how a box with a 4 pixel #0060A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060A0; -webkit-box-shadow:4px 4px  
4px 4px #0060A0; box-shadow:4px 4px 4px  
4px #0060A0 }
```

# Background

The CSS property to change the background color of an element to Hex 0060A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060A0 }
```

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

```
.background{ background-color:#0060A0 }
```

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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