

# Converting Colors

Hex(468BA0)

Have a look what the booklet for  
Hex(468BA0) contains.

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# Color

**Hex(468BA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	468BA0
RGB	70, 139, 160
RGB Percent	27%, 55%, 63%
CMY	0.7255, 0.4549, 0.3725
CMYK	0.56, 0.13, 0.00, 0.37
HSL	194°, 39%, 45%
HSV	194°, 56%, 63%
XYZ	18.1036, 22.3054, 36.6089
YIQ	120.7630, -47.8650, -8.0970

# Conversions

## Conversions Part 2

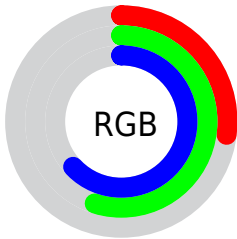
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 109, 160
Decimal	4623264
CIELab	54.35, -15.55, -17.78
CIELCh	54, 23.620, 228.828
Yxy	22.3054, 0.2351, 0.2896
Android (android.graphics.Color)	4282813344 (0xFF468BA0)
YUV	120.7630, 19.3438, -44.5192
Hunter-Lab	47.2286, -14.2278, -12.8982




# Details

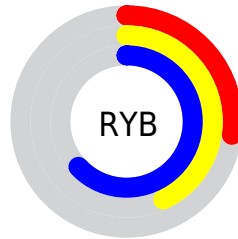
The Hex color **468BA0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A05B46**, and the grayscale version is **797979**.




A 20% lighter version of the original color is **7DC1D7**, and **00596C** is the 20% darker color. If you saturate the color by 10%, you get **3687A0**, and if you desaturate by 10%, it is **568FA0**.

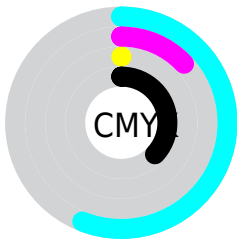
# Distribution







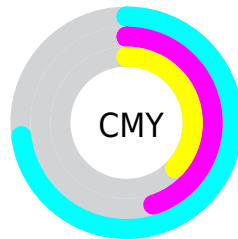
-  Red (27%)
-  Green (55%)
-  Blue (63%)






-  Red (27%)
-  Yellow (43%)
-  Blue (63%)



-  Cyan (56%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (73%)
-  Magenta (45%)
-  Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468BA0 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 468BA0 by changing the saturation by 10% instead.



 468BA0

 468BA0

FFFFFF

 287186

 7DC1D7

 00596C

 99DDF3

 004154

 B6F9FF

 002B3D

 D2FFFF

 001827

 F0FFFF

 000112

 000000

 468BA0

 468BA0

 3687A0

 568FA0

■ 2684A0

■ 6692A0

■ 1680A0

■ 7696A0

■ 067CA0

■ 869AA0

■ 007BA0

■ 969EA0

■ A6A1A0

■ B6A5A0

■ C6A9A0

■ D6ADA0

# Harmonies

## Analogous

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



448D8E



468BA0



5D86AA

# Triad

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



468BA0



A5748A



83855B

# Complementary

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



468BA0



A05B46

# 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.



977E5A



468BA0



AB7376

# Square

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



468BA0



94789D



A67764



6C8A67

# Rectangle

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



468BA0



7182AA



A67764



8A835A



# Sweetspot

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



468BA0



AEC9D1



46A05B



546469



E8E8E8



696969



# Same Dimension

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



468BA0



43B0D1



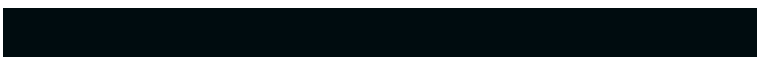
465EA0



474D4F



006D8F



000C0F



# Inverse Universe

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



A0468B



D143B0



A08846



4F474D



8F006D



0F000C



# Previews

## White Background



This preview shows how the Hex color 468BA0 looks on a white background.

## Color Contrast Check

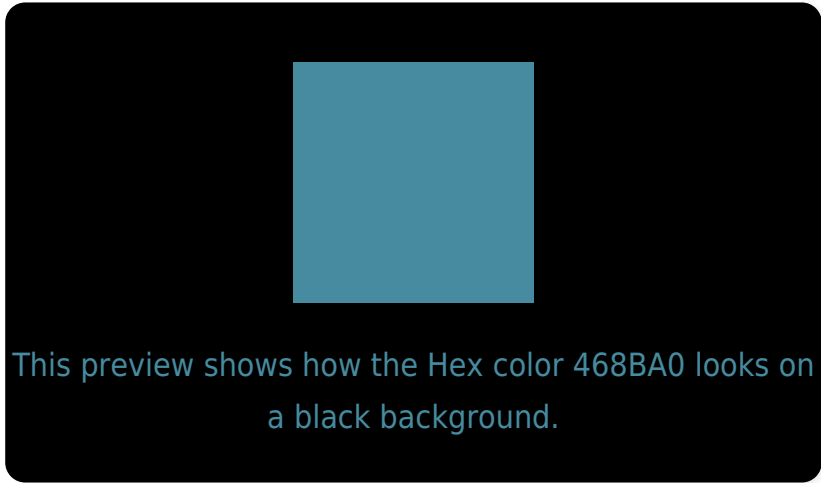
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

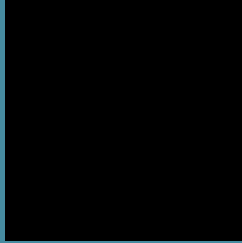
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 468BA0 Background



This preview shows how black text looks on a background with the Hex color 468BA0.



This preview shows how white text looks on a background with the Hex color 468BA0.

# 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



**Original Color**  
468BA0

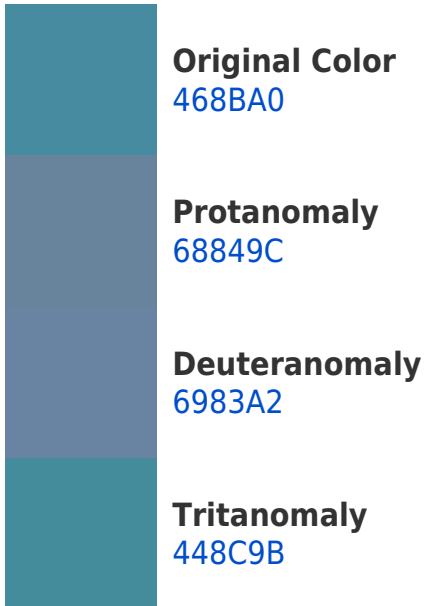
**Protanopia**  
7C8099

**Deuteranopia**  
7D7FA3



**Tritanopia**  
438C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468BA0 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 #468BA0 looks like.

```
.text, #text, p{  
    color:#468BA0  
}
```

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 #468BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468BA0
}
```

## Border

The CSS property to change the border of an element to Hex 468BA0 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
#468BA0 }
```

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

```
.border{ border-color:#468BA0 }
```

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

Here you see how a box with a 4 pixel #468BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468BA0; -webkit-box-shadow:4px 4px  
4px 4px #468BA0; box-shadow:4px 4px 4px  
4px #468BA0 }
```

# Background

The CSS property to change the background color of an element to Hex 468BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468BA0 }
```

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

```
.background{ background-color:#468BA0 }
```

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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