

Converting Colors

Hex(4674A0)

Have a look what the booklet for
Hex(4674A0) contains.

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Color

Hex(4674A0)

Conversions

Conversions Part 1

Format	Color
Hex	4674A0
RGB	70, 116, 160
RGB Percent	27%, 45%, 63%
CMY	0.7255, 0.5451, 0.3725
CMYK	0.56, 0.28, 0.00, 0.37
HSL	209°, 39%, 45%
HSV	209°, 56%, 63%
XYZ	15.1163, 16.3309, 35.6132
YIQ	107.2620, -41.5400, 3.9320

Conversions

Conversions Part 2

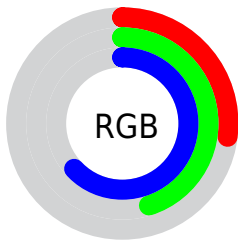
Format	Color
R_{YB}	70, 100, 160
Decimal	4617376
CIE _{Lab}	47.41, -2.40, -28.48
CIE _{LCh}	47, 28.580, 265.178
Yxy	16.3309, 0.2254, 0.2435
Android (android.graphics.Color)	4282807456 (0xFF4674A0)
YUV	107.2620, 25.9998, -32.6788
Hunter-Lab	40.4116, -3.9505, -23.9619

Details

The Hex color **4674A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A07246**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7DA8D7**, and **00446C** is the 20% darker color. If you saturate the color by 10%, you get **366CA0**, and if you desaturate by 10%, it is **567CA0**.

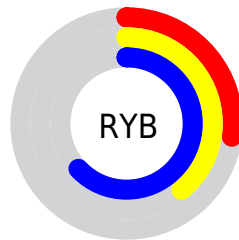
Distribution



Red (27%)

Green (45%)

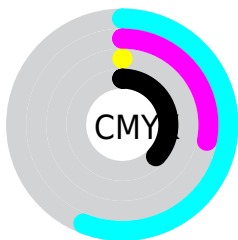
Blue (63%)



Red (27%)

Yellow (39%)

Blue (63%)

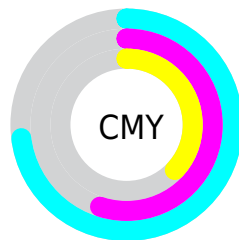


Cyan (56%)

Magenta (28%)

Yellow (0%)

Black (37%)



Cyan (73%)

Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4674A0 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 4674A0 by changing the saturation by 10% instead.

■ 4674A0

■ 4674A0

FFFFFF

■ 295C86

■ 7DA8D7

■ 00446C

■ 98C3F3

■ 002E54

■ B4DFFF

■ 001A3C

■ D1FBFF

■ 000326

■ EEEFFF

■ 000110

■ 000000

■ 4674A0

■ 4674A0

■ 366CA0

■ 567CA0

■ 2664A0

■ 6684A0

■ 165DA0

■ 768BA0

■ 0655A0

■ 8693A0

■ 0052A0

■ 969BA0

■ A6A3A0

■ B6ABA0

■ C6B3A0

■ D6BAA0

Harmonies

Analogous

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



167A97



4674A0



6E6C9C

Triad

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



4674A0



9F5F5D



4F7A54

Complementary

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



4674A0



A07246

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.



6B7544



4674A0



96654A

Square

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



4674A0



9C5E75



846E40



2E7D6C

Rectangle

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



4674A0



836692



846E40



59794E

Sweetspot

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



4674A0



AEC0D1



46A072



545E69



E8E8E8



696969

Same Dimension

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



4674A0



438CD1



4647A0



474B4F



00498F



00080F

Inverse Universe

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



A04674



D1438C



A09F46



4F474B



8F0049



0F0008

Previews

White Background



This preview shows how the Hex color 4674A0 looks on a white background.

Color Contrast Check

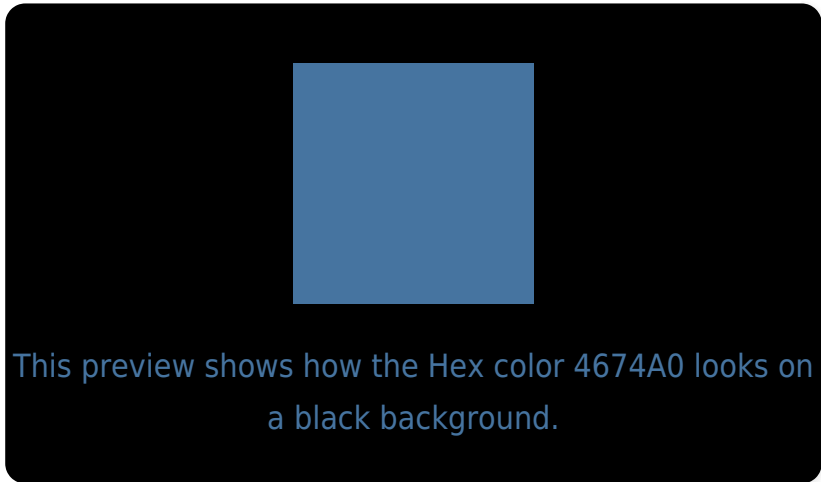
Large Text (above 18pt) WCAG AA ✓ Pass

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

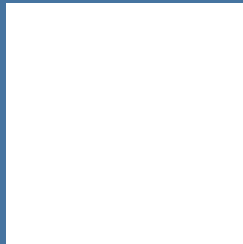
Any Text WCAG AAA × Fail

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

Hex 4674A0 Background



This preview shows how black text looks on a background with the Hex color 4674A0.

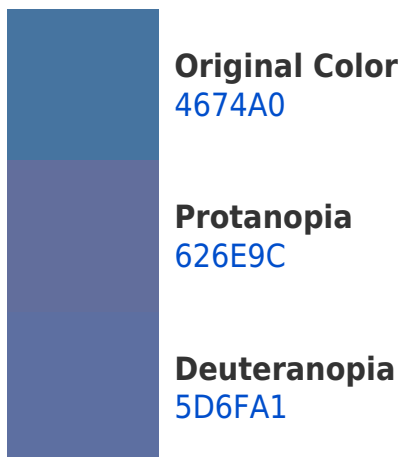


This preview shows how white text looks on a background with the Hex color 4674A0.

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](#).

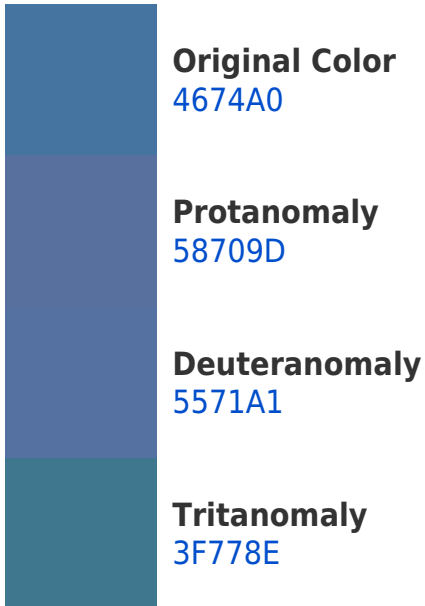
Dichromacy





Tritanopia
3B7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4674A0 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 #4674A0 looks like.

```
.text, #text, p{  
    color:#4674A0  
}
```

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 #4674A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4674A0
}
```

Border

The CSS property to change the border of an element to Hex 4674A0 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
#4674A0 }
```

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

```
.border{ border-color:#4674A0 }
```

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

Here you see how a box with a 4 pixel #4674A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4674A0; -webkit-box-shadow:4px 4px  
4px 4px #4674A0; box-shadow:4px 4px 4px  
4px #4674A0 }
```

Background

The CSS property to change the background color of an element to Hex 4674A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4674A0 }
```

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

```
.background{ background-color:#4674A0 }
```

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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