

Converting Colors

Hex(4680BA)

Have a look what the booklet for
Hex(4680BA) contains.

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Color

Hex(4680BA)

Conversions

Conversions Part 1

Format	Color
Hex	4680BA
RGB	70, 128, 186
RGB Percent	27%, 50%, 73%
CMY	0.7255, 0.4980, 0.2706
CMYK	0.62, 0.31, 0.00, 0.27
HSL	210°, 46%, 50%
HSV	210°, 62%, 73%
XYZ	19.1079, 20.2856, 49.3628
YIQ	117.2700, -53.1860, 5.7420

Conversions

Conversions Part 2

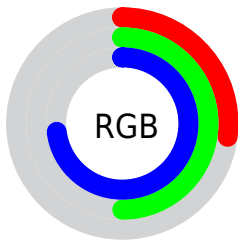
Format	Color
R_{YB}	70, 109, 186
Decimal	4620474
CIE _{Lab}	52.16, -0.88, -36.13
CIE _{LCh}	52, 36.138, 268.603
Yxy	20.2856, 0.2153, 0.2286
Android (android.graphics.Color)	4282810554 (0xFF4680BA)
YUV	117.2700, 33.8839, -41.4558
Hunter-Lab	45.0395, -3.0911, -33.4534

Details

The Hex color **4680BA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA8046**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **80B5F2**, and **004F84** is the 20% darker color. If you saturate the color by 10%, you get **3377BA**, and if you desaturate by 10%, it is **5989BA**.

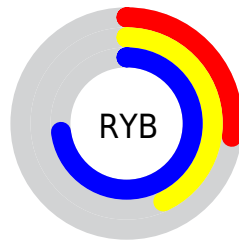
Distribution



Red (27%)

Green (50%)

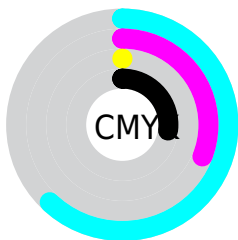
Blue (73%)



Red (27%)

Yellow (43%)

Blue (73%)

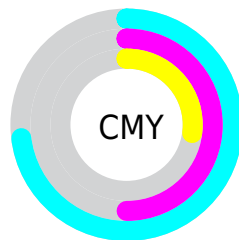


Cyan (62%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4680BA 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 4680BA by changing the saturation by 10% instead.

■ 4680BA

■ 4680BA

FFFFFF

■ 25679F

■ 80B5F2

■ 004F84

■ 9DD0FF

■ 00396B

■ B9ECFF

■ 002452

■ D7FFFF

■ 000E3B

■ F4FFFF

■ 000225

■ 00010D

■ 000000

■ 4680BA

■ 4680BA

■ 3377BA

■ 5989BA

■ 216DBA

■ 6B93BA

■ 0E64BA

■ 7E9CBA

■ 005DBA

■ 90A5BA

■ A3AEBA

■ B6B8BA

■ C8C1BA

■ DBCABA

■ EDD4BA

Harmonies

Analogous

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



0088B1



4680BA



7D75B3

Triad

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



4680BA



B66660



4B895B

Complementary

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



4680BA



BA8046

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.



718344



4680BA



A96F48

Square

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



4680BA



B5637F



917A3D



078C7A

Rectangle

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



4680BA



976DA6



917A3D



598852

Sweetspot

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



4680BA



C4DBF2



46BA80



5E6C7A



FAFAFA



7A7A7A

Same Dimension

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



4680BA



3D97F2



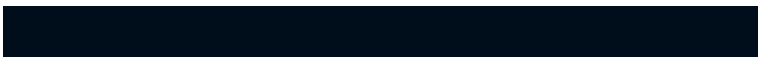
4646BA



53575C



004E9C



000E1C

Inverse Universe

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



BA4680



F23D97



BABA46



5C5357



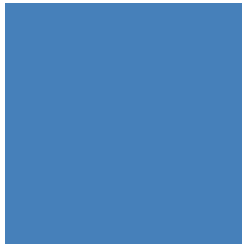
9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 4680BA looks on a white background.

Color Contrast Check

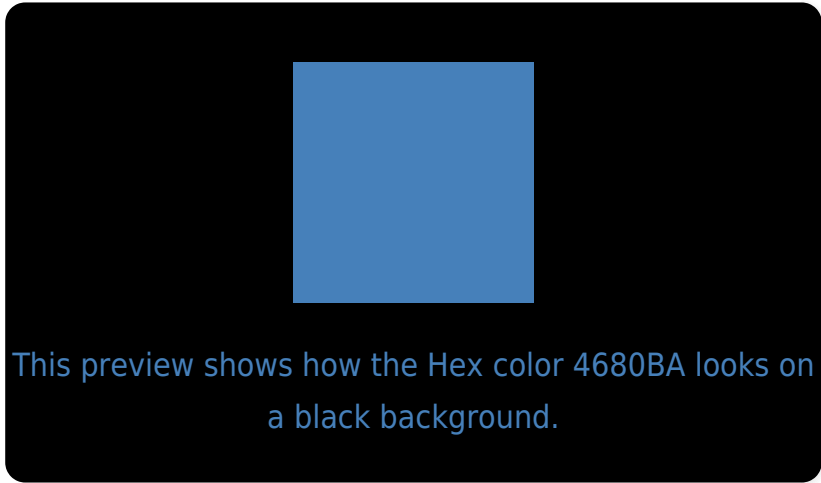
Large Text (above 18pt) WCAG AA ✓ Pass

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

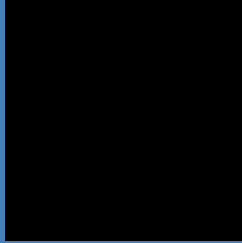
Any Text WCAG AA ✓ Pass

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 4680BA Background



This preview shows how black text looks on a background with the Hex color 4680BA.

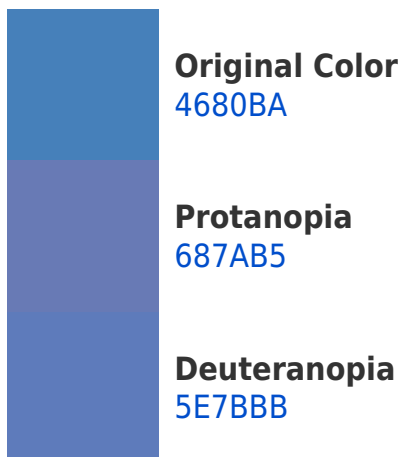


This preview shows how white text looks on a background with the Hex color 4680BA.

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](#).

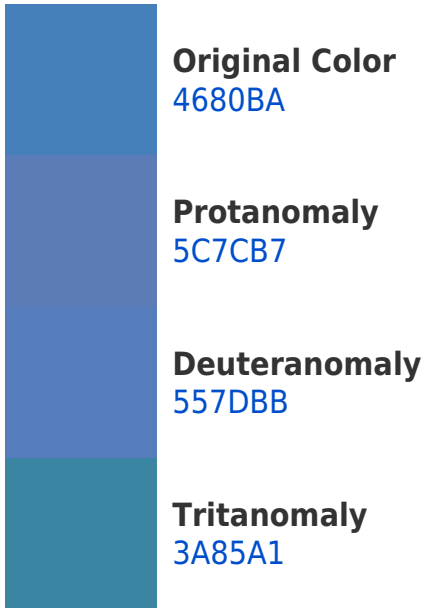
Dichromacy





Tritanopia
338893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4680BA 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 #4680BA looks like.

```
.text, #text, p{  
    color:#4680BA  
}
```

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 #4680BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4680BA
}
```

Border

The CSS property to change the border of an element to Hex 4680BA 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
#4680BA }
```

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

```
.border{ border-color:#4680BA }
```

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

Here you see how a box with a 4 pixel #4680BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4680BA; -webkit-box-shadow:4px 4px  
4px 4px #4680BA; box-shadow:4px 4px 4px  
4px #4680BA }
```

Background

The CSS property to change the background color of an element to Hex 4680BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4680BA }
```

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

```
.background{ background-color:#4680BA }
```

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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