

Converting Colors

Hex(4690B3)

Have a look what the booklet for
Hex(4690B3) contains.

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Color

Hex(4690B3)

Conversions

Conversions Part 1

Format	Color
Hex	4690B3
RGB	70, 144, 179
RGB Percent	27%, 56%, 70%
CMY	0.7255, 0.4353, 0.2980
CMYK	0.61, 0.20, 0.00, 0.30
HSL	199°, 44%, 49%
HSV	199°, 61%, 70%
XYZ	20.6357, 24.5033, 46.2898
YIQ	125.8640, -55.3390, -4.8030

Conversions

Conversions Part 2

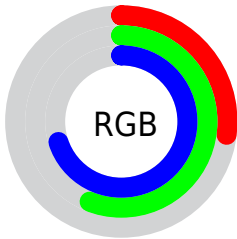
Format	Color
RYB	70, 114, 179
Decimal	4624563
CIELab	56.59, -12.37, -25.23
CIELCh	57, 28.101, 243.890
Yxy	24.5033, 0.2257, 0.2680
Android (android.graphics.Color)	4282814643 (0xFF4690B3)
YUV	125.8640, 26.1960, -48.9927
Hunter-Lab	49.5008, -12.2139, -20.7935

Details

The Hex color **4690B3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B36946**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **80C6EB**, and **005E7E** is the 20% darker color. If you saturate the color by 10%, you get **348AB3**, and if you desaturate by 10%, it is **5896B3**.

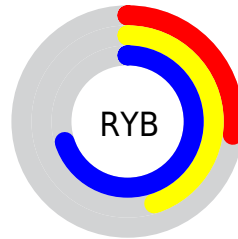
Distribution



Red (27%)

Green (56%)

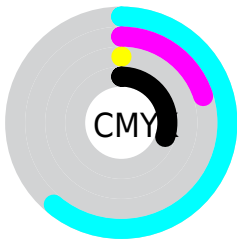
Blue (70%)



Red (27%)

Yellow (45%)

Blue (70%)

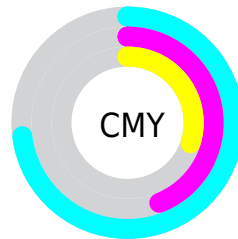


Cyan (61%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (73%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4690B3 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 4690B3 by changing the saturation by 10% instead.

4690B3

4690B3

FFFFFF

257698

80C6EB

005E7E

9CE2FF

004665

B9FEFF

00304D

D6FFFF

001C36

F4FFFF

000221

000005

000000

4690B3

4690B3

■ 348AB3

■ 5896B3

■ 2285B3

■ 6A9BB3

■ 107FB3

■ 7CA1B3

■ 007AB3

■ 8EA7B3

■ A0ADB3

■ B1B2B3

■ C3B8B3

■ D5BEB3

■ E7C4B3

Harmonies

Analogous

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



3294A2



4690B3



6B89B8

Triad

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



4690B3



B77585



7B8E5E

Complementary

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



4690B3



B36946

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.



958757



4690B3



B7786E

Square

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



4690B3



A9799E



AA7F5C



5E9371

Rectangle

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



4690B3



8483B4



AA7F5C



848C5A

Sweetspot

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



4690B3



BEDBE8



46B369



5B6D75



F5F5F5



757575

Same Dimension

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



4690B3



3FB2E8



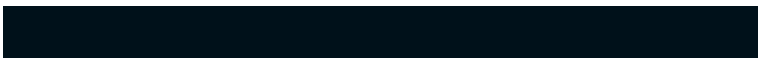
465AB3



505659



006899



00111A

Inverse Universe

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



B34690



E83FB2



B39F46



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color 4690B3 looks on a white background.

Color Contrast Check

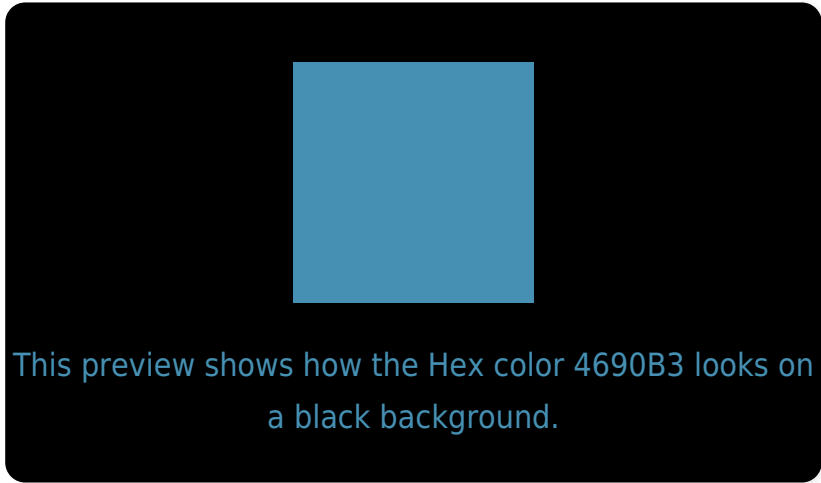
Large Text (above 18pt) WCAG AA ✓ Pass

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 4690B3 Background



This preview shows how black text looks on a background with the Hex color 4690B3.

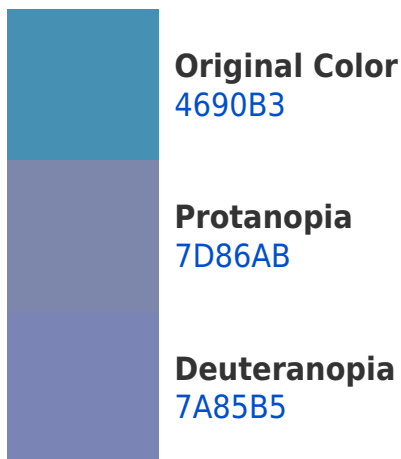


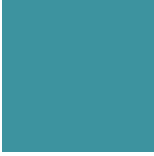
This preview shows how white text looks on a background with the Hex color 4690B3.

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](#).

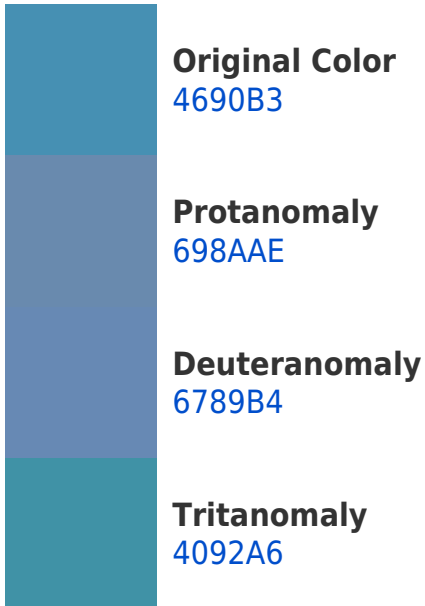
Dichromacy





Tritanopia
3D939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4690B3 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 #4690B3 looks like.

```
.text, #text, p{  
    color:#4690B3  
}
```

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 #4690B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4690B3  
}
```

Border

The CSS property to change the border of an element to Hex 4690B3 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  
#4690B3 }
```

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

```
.border{ border-color:#4690B3 }
```

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

Here you see how a box with a 4 pixel #4690B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4690B3; -webkit-box-shadow:4px 4px  
4px 4px #4690B3; box-shadow:4px 4px 4px  
4px #4690B3 }
```

Background

The CSS property to change the background color of an element to Hex 4690B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4690B3 }
```

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

```
.background{ background-color:#4690B3 }
```

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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