

Converting Colors

Hex(4691B9)

Have a look what the booklet for
Hex(4691B9) contains.

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Color

Hex(4691B9)

Conversions

Conversions Part 1

Format	Color
Hex	4691B9
RGB	70, 145, 185
RGB Percent	27%, 57%, 73%
CMY	0.7255, 0.4314, 0.2745
CMYK	0.62, 0.22, 0.00, 0.27
HSL	201°, 45%, 50%
HSV	201°, 62%, 73%
XYZ	21.4081, 25.0557, 49.6068
YIQ	127.1350, -57.5400, -3.4600

Conversions

Conversions Part 2

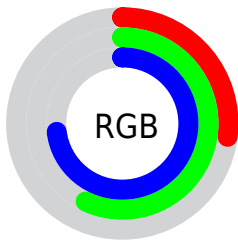
Format	Color
R_{YB}	70, 115, 185
Decimal	4624825
CIE _{Lab}	57.13, -11.00, -27.81
CIE _{LCh}	57, 29.905, 248.424
Yxy	25.0557, 0.2228, 0.2608
Android (android.graphics.Color)	4282814905 (0xFF4691B9)
YUV	127.1350, 28.5274, -50.1074
Hunter-Lab	50.0556, -11.2553, -23.7195

Details

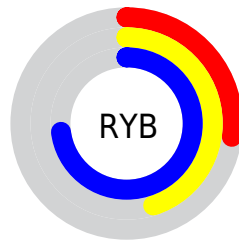
The Hex color **4691B9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B96E46**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **80C7F1**, and **005F84** is the 20% darker color. If you saturate the color by 10%, you get **348BB9**, and if you desaturate by 10%, it is **5997B9**.

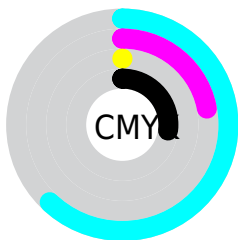
Distribution



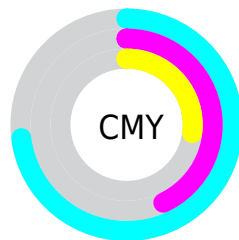
- Red (27%)
- Green (57%)
- Blue (73%)



- Red (27%)
- Yellow (45%)
- Blue (73%)



- Cyan (62%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4691B9 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 4691B9 by changing the saturation by 10% instead.

■ 4691B9

■ 4691B9

FFFFFF

■ 24779E

■ 80C7F1

■ 005F84

■ 9DE3FF

■ 00476A

■ BAFFFF

■ 003152

■ D7FFFF

■ 001C3B

■ F5FFFF

■ 000225

■ 00010D

■ 000000

■ 4691B9

■ 4691B9

■ 348BB9

■ 5997B9

■ 2184B9

■ 6B9EB9

■ 0E7EB9

■ 7EA4B9

■ 0079B9

■ 90ABB9

■ A3B1B9

■ B5B8B9

■ C8BEB9

■ DAC4B9

■ EDCBB9

Harmonies

Analogous

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



2896A9



4691B9



7089BC

Triad

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



4691B9



BC7583



77915F

Complementary

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



4691B9



B96E46

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.



938A55



4691B9



B9796A

Square

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



4691B9



B0789D



AB8159



579675

Rectangle

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



4691B9



8A83B7



AB8159



818F5A

Sweetspot

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



4691B9



C2E0F0



46B96C



5C6E78



F7F7F7



787878

Same Dimension

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



4691B9



3CB1F0



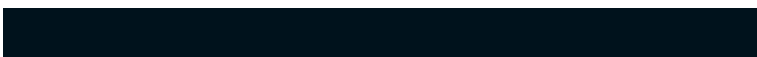
4659B9



53595C



00659C



00121C

Inverse Universe

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



B94691



F03CB1



B9A646



5C5359



9C0065



1C0012

Previews

White Background



This preview shows how the Hex color 4691B9 looks on a white background.

Color Contrast Check

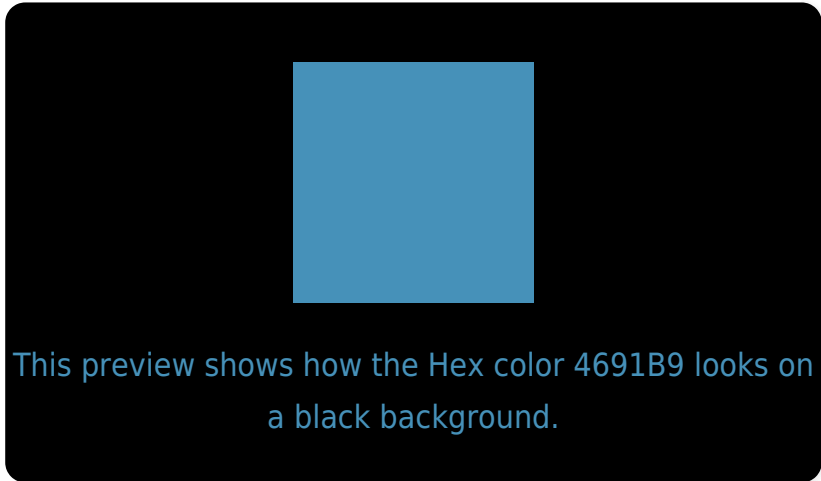
Large Text (above 18pt) WCAG AA ✓ Pass

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

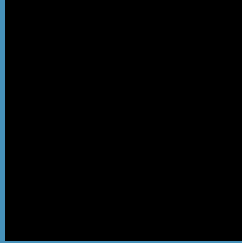
Any Text WCAG AA ✓ Pass

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 4691B9 Background



This preview shows how black text looks on a background with the Hex color 4691B9.

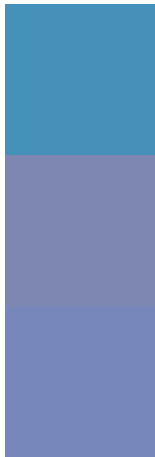


This preview shows how white text looks on a background with the Hex color 4691B9.

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
4691B9

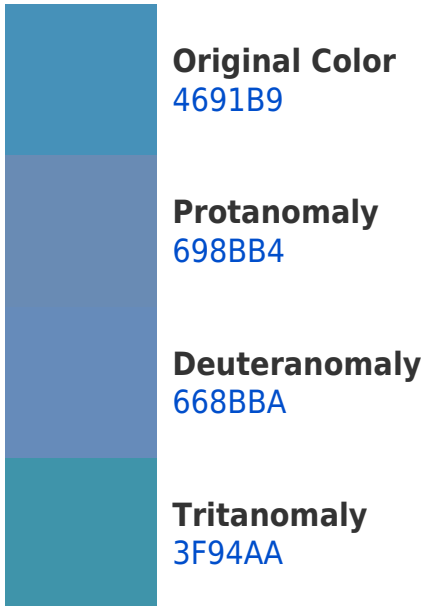
Protanopia
7D87B1

Deuteranopia
7887BB

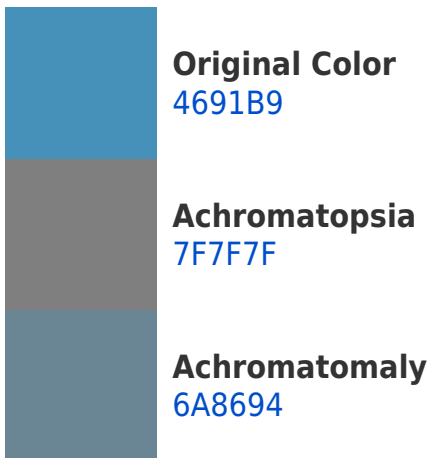


Tritanopia
3B95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4691B9 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 #4691B9 looks like.

```
.text, #text, p{  
    color:#4691B9  
}
```

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 #4691B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4691B9
}
```

Border

The CSS property to change the border of an element to Hex 4691B9 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
#4691B9 }
```

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

```
.border{ border-color:#4691B9 }
```

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

Here you see how a box with a 4 pixel #4691B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4691B9; -webkit-box-shadow:4px 4px  
4px 4px #4691B9; box-shadow:4px 4px 4px  
4px #4691B9 }
```

Background

The CSS property to change the background color of an element to Hex 4691B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4691B9 }
```

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

```
.background{ background-color:#4691B9 }
```

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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