

Converting Colors

Hex(4698DC)

Have a look what the booklet for
Hex(4698DC) contains.

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Color

Hex(4698DC)

Conversions

Conversions Part 1

Format	Color
Hex	4698DC
RGB	70, 152, 220
RGB Percent	27%, 60%, 86%
CMY	0.7255, 0.4039, 0.1373
CMYK	0.68, 0.31, 0.00, 0.14
HSL	207°, 68%, 57%
HSV	207°, 68%, 86%
XYZ	26.6723, 28.9259, 71.8876
YIQ	135.2340, -70.7000, 3.7640

Conversions

Conversions Part 2

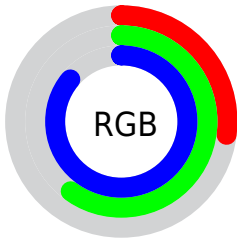
Format	Color
RYB	70, 123, 220
Decimal	4626652
CIELab	60.72, -3.32, -41.88
CIELCh	61, 42.014, 265.462
Yxy	28.9259, 0.2092, 0.2269
Android (android.graphics.Color)	4282816732 (0xFF4698DC)
YUV	135.2340, 41.7896, -57.2102
Hunter-Lab	53.7828, -5.5970, -41.6008

Details

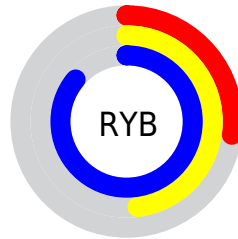
The Hex color **4698DC** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DC8A46**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **85CEFF**, and **0065A5** is the 20% darker color. If you saturate the color by 10%, you get **308EDC**, and if you desaturate by 10%, it is **5CA2DC**.

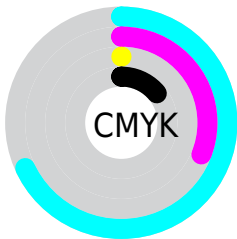
Distribution



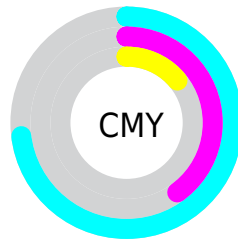
- Red (27%)
- Green (60%)
- Blue (86%)



- Red (27%)
- Yellow (48%)
- Blue (86%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (73%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4698DC 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 4698DC by changing the saturation by 10% instead.

■ 4698DC

■ 4698DC

FFFFFF

■ 1B7EC0

■ 85CEFF

■ 0065A5

■ A3EAFF

■ 004E8A

■ C1FFFF

■ 003770

■ DFFFFF

■ 002357

FEFFFF

■ 000B40

■ 000329

■ 000113

■ 000000

■ 4698DC

■ 4698DC

■ 308EDC

■ 5CA2DC

■ 1A84DC

■ 72ACDC

■ 047ADC

■ 88B6DC

■ 0078DC

■ 9EC0DC

■ B4CADC

■ CAD4DC

■ E0DEDC

■ F6E8DC

■ FFF2DC

Harmonies

Analogous

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



00A1CF



4698DC



8D8BD5

Triad

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



4698DC



D87675



5DA167

Complementary

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



4698DC



DC8A46

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.



899A4D



4698DC



CA8156

Square

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



4698DC



D4749A



AE8E47



0BA58B

Rectangle

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



4698DC



AE81C7



AE8E47



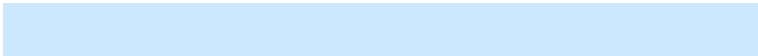
6D9F5D

Sweetspot

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



4698DC



CCE8FF



46DC8A



617280



000000



808080

Same Dimension

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



4698DC



2EA0FF



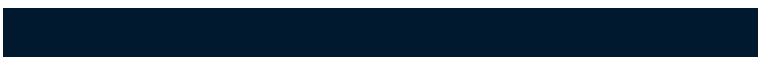
464DDC



63696E



005FAD



00192E

Inverse Universe

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



DC4698



FF2EA0



DCD446



6E6369



AD005F



2E0019

Previews

White Background



This preview shows how the Hex color 4698DC looks on a white background.

Color Contrast Check

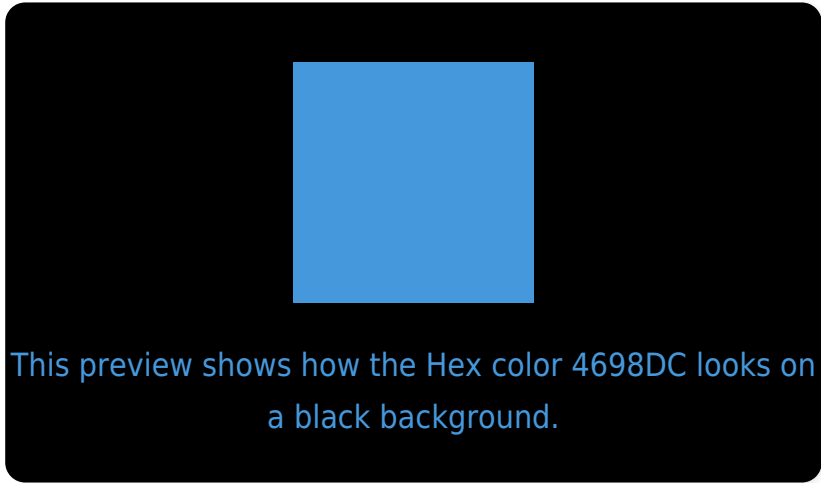
Large Text (above 18pt) WCAG AA ✓ Pass

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

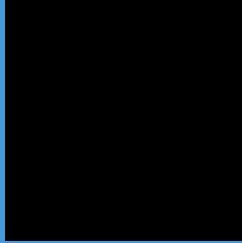
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

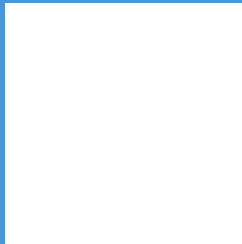
Any Text WCAG AAA × Fail

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

Hex 4698DC Background



This preview shows how black text looks on a background with the Hex color 4698DC.

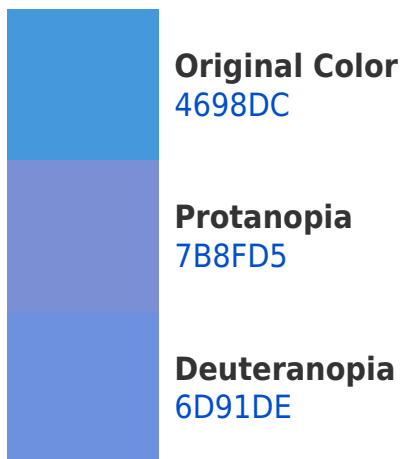


This preview shows how white text looks on a background with the Hex color 4698DC.

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](#).

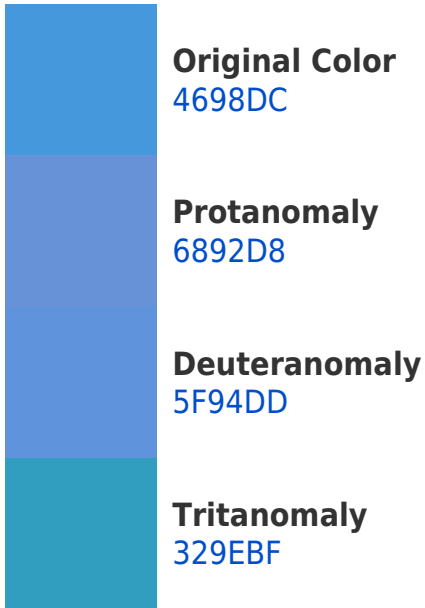
Dichromacy



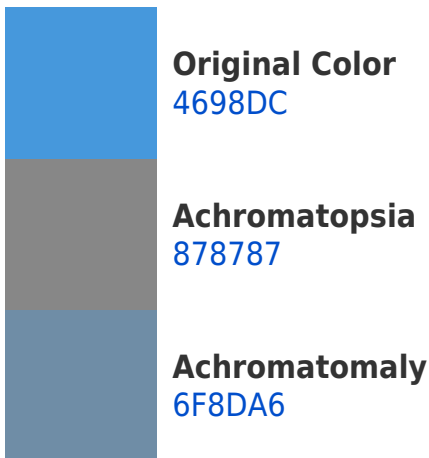


Tritanopia
27A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4698DC 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 #4698DC looks like.

```
.text, #text, p{  
    color:#4698DC  
}
```

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 #4698DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4698DC
}
```

Border

The CSS property to change the border of an element to Hex 4698DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

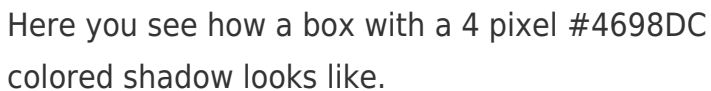
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4698DC }
```

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

```
.border{ border-color:#4698DC }
```

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



Here you see how a box with a 4 pixel #4698DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4698DC; -webkit-box-shadow:4px 4px  
4px 4px #4698DC; box-shadow:4px 4px 4px  
4px #4698DC }
```

Background

The CSS property to change the background color of an element to Hex 4698DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4698DC }
```

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

```
.background{ background-color:#4698DC }
```

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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