

Converting Colors

Hex(4796BF)

Have a look what the booklet for
Hex(4796BF) contains.

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Color

Hex(4796BF)

Conversions

Conversions Part 1

Format	Color
Hex	4796BF
RGB	71, 150, 191
RGB Percent	28%, 59%, 75%
CMY	0.7216, 0.4118, 0.2510
CMYK	0.63, 0.21, 0.00, 0.25
HSL	200°, 48%, 51%
HSV	200°, 63%, 75%
XYZ	22.9088, 26.9139, 53.2777
YIQ	131.0530, -60.2450, -3.9970

Conversions

Conversions Part 2

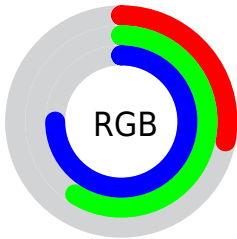
Format	Color
R_{YB}	71, 119, 191
Decimal	4691647
CIE _{Lab}	58.89, -11.66, -28.47
CIE _{LCh}	59, 30.766, 247.737
Yxy	26.9139, 0.2222, 0.2610
Android (android.graphics.Color)	4282881727 (0xFF4796BF)
YUV	131.0530, 29.5539, -52.6665
Hunter-Lab	51.8786, -11.9644, -24.5740

Details

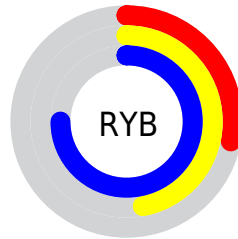
The Hex color **4796BF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF7047**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **82CCF8**, and **006389** is the 20% darker color. If you saturate the color by 10%, you get **348FBF**, and if you desaturate by 10%, it is **5A9DBF**.

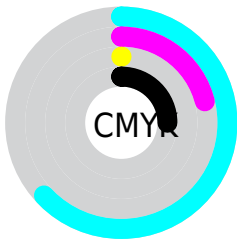
Distribution



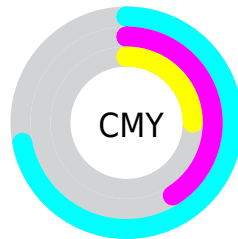
- Red (28%)
- Green (59%)
- Blue (75%)



- Red (28%)
- Yellow (47%)
- Blue (75%)



- Cyan (63%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4796BF 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 4796BF by changing the saturation by 10% instead.

■ 4796BF

■ 4796BF

FFFFFF

■ 247CA4

■ 82CCF8

■ 006389

■ 9FE8FF

■ 004B70

■ BCFFFF

■ 003557

■ DAFFFF

■ 002040

■ F7FFFF

■ 00032A

■ 000114

■ 000000

■ 4796BF

■ 4796BF

■ 348FBF

■ 5A9DBF

■ 2189BF

■ 6DA3BF

■ 0E82BF

■ 80AABF

■ 007EBF

■ 93B0BF

■ A7B7BF

■ BABDBF

■ CDC4BF

■ E0CABF

■ F3D1BF

Harmonies

Analogous

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



299BAE



4796BF



738EC3

Triad

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



4796BF



C27988



7C9662

Complementary

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



4796BF



BF7047

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.



998E58



4796BF



C07D6E

Square

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



4796BF



B67CA3



B1855C



5B9B78

Rectangle

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



4796BF



8E87BD



B1855C



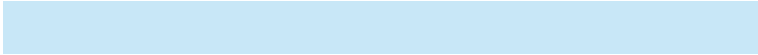
86945D

Sweetspot

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



4796BF



C8E7F7



47BF6F



60737D



FCFCFC



7D7D7D

Same Dimension

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



4796BF



3EB8F7



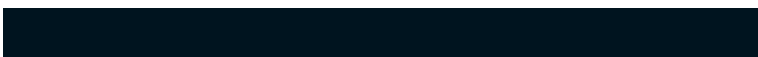
475BBF



555B5E



00689E



00141F

Inverse Universe

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



BF4796



F73EB8



BFAB47



5E555B



9E0068



1F0014

Previews

White Background



This preview shows how the Hex color 4796BF looks on a white background.

Color Contrast Check

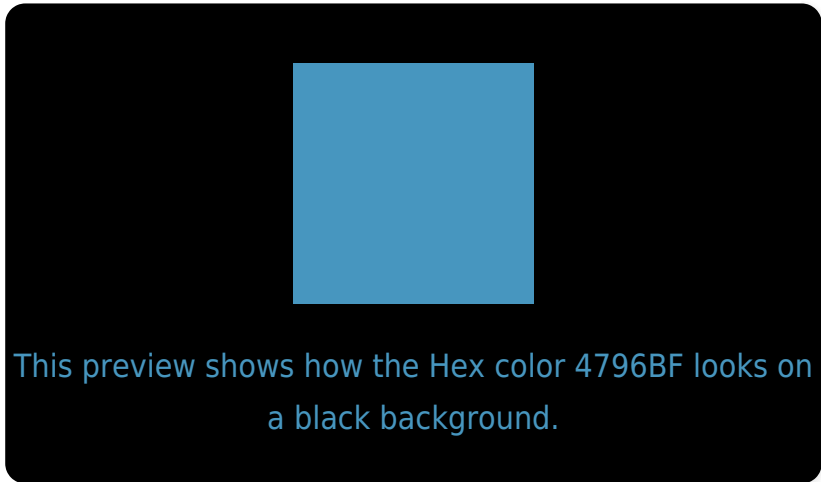
Large Text (above 18pt) WCAG AA ✓ Pass

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

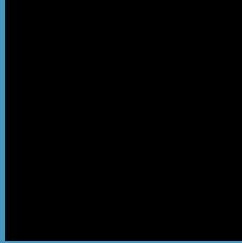
Any Text WCAG AA ✓ Pass

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 4796BF Background



This preview shows how black text looks on a background with the Hex color 4796BF.



This preview shows how white text looks on a background with the Hex color 4796BF.

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](#).

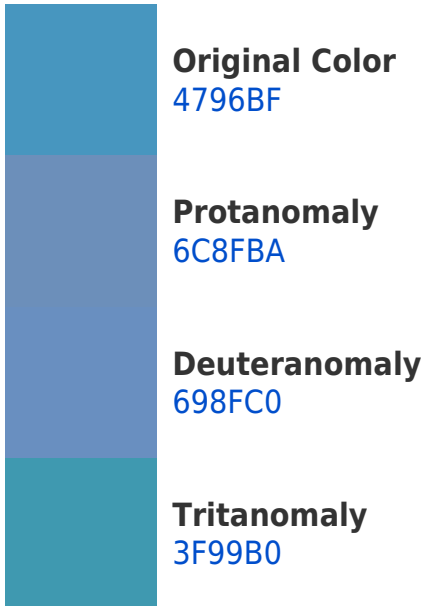
Dichromacy



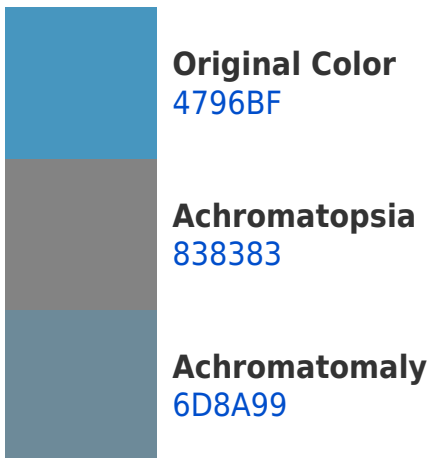


Tritanopia
3B9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4796BF 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 #4796BF looks like.

```
.text, #text, p{  
    color:#4796BF  
}
```

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 #4796BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4796BF
}
```

Border

The CSS property to change the border of an element to Hex 4796BF 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
#4796BF }
```

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

```
.border{ border-color:#4796BF }
```

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

Here you see how a box with a 4 pixel #4796BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4796BF; -webkit-box-shadow:4px 4px  
4px 4px #4796BF; box-shadow:4px 4px 4px  
4px #4796BF }
```

Background

The CSS property to change the background color of an element to Hex 4796BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4796BF }
```

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

```
.background{ background-color:#4796BF }
```

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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