

Converting Colors

Hex(4685BF)

Have a look what the booklet for
Hex(4685BF) contains.

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Color

Hex(4685BF)

Conversions

Conversions Part 1

Format	Color
Hex	4685BF
RGB	70, 133, 191
RGB Percent	27%, 52%, 75%
CMY	0.7255, 0.4784, 0.2510
CMYK	0.63, 0.30, 0.00, 0.25
HSL	209°, 49%, 51%
HSV	209°, 63%, 75%
XYZ	20.3173, 21.8387, 52.4347
YIQ	120.7750, -56.1660, 4.6820

Conversions

Conversions Part 2

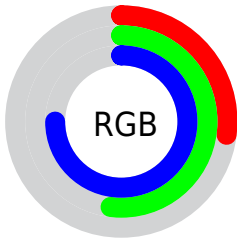
Format	Color
R_YB	70, 111, 191
Decimal	4621759
CIE _{Lab}	53.86, -2.14, -36.32
CIE _{LCh}	54, 36.388, 266.626
Yxy	21.8387, 0.2148, 0.2309
Android (android.graphics.Color)	4282811839 (0xFF4685BF)
YUV	120.7750, 34.6209, -44.5297
Hunter-Lab	46.7319, -4.1758, -33.8129

Details

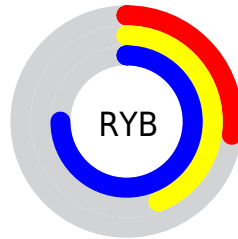
The Hex color **4685BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BF8046**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81BAF8**, and **005489** is the 20% darker color. If you saturate the color by 10%, you get **337CBF**, and if you desaturate by 10%, it is **598EBF**.

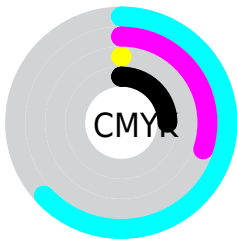
Distribution



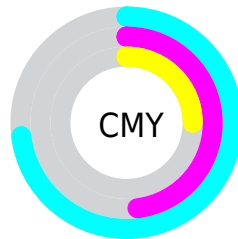
- Red (27%)
- Green (52%)
- Blue (75%)



- Red (27%)
- Yellow (44%)
- Blue (75%)



- Cyan (63%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (73%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4685BF 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 4685BF by changing the saturation by 10% instead.

■ 4685BF

■ 4685BF

FFFFFF

■ 236CA4

■ 81BAF8

■ 005489

■ 9ED6FF

■ 003D70

■ BBF2FF

■ 002857

■ D8FFFF

■ 00133F

■ F6FFFF

■ 000329

■ 000112

■ 000000

■ 4685BF

■ 4685BF

■ 337CBF

■ 598EBF

■ 2073BF

■ 6C97BF

■ 0D6ABF

■ 7FA0BF

■ 0063BF

■ 92AABF

■ A6B3BF

■ B9BCBF

■ CCC5BF

■ DFCEBF

■ F2D7BF

Harmonies

Analogous

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



008DB4



4685BF



7E7AB9

Triad

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



4685BF



BC6966



528E5D

Complementary

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



4685BF



BF8046

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.



788747



4685BF



AF724D

Square

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



4685BF



B96786



977E41



18917C

Rectangle

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



4685BF



9A72AC



977E41



608C54

Sweetspot

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



4685BF



C8E1F7



46BF7E



606F7D



FCFCFC



7D7D7D

Same Dimension

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



4685BF



3B9DF7



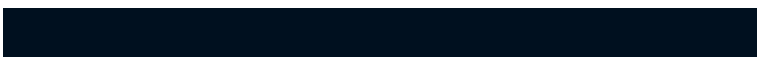
464ABF



555A5E



00529E



00101F

Inverse Universe

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



BF4685



F73B9D



BFBB46



5E555A



9E0052



1F0010

Previews

White Background



This preview shows how the Hex color 4685BF looks on a white background.

Color Contrast Check

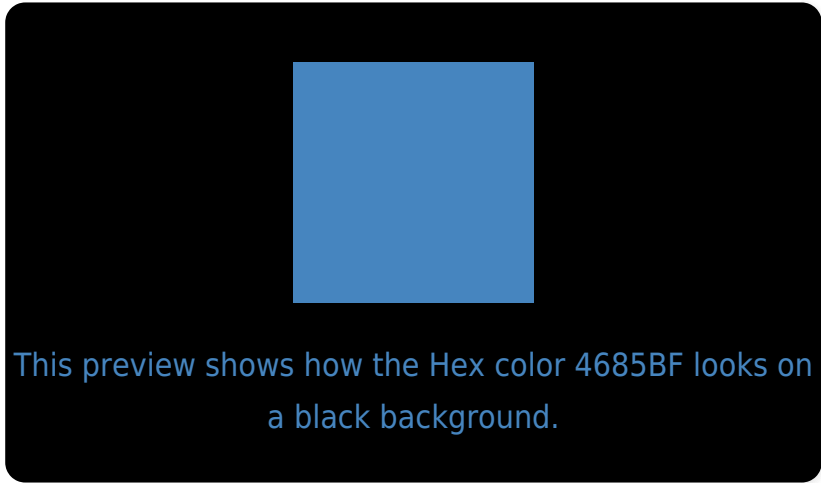
Large Text (above 18pt) WCAG AA ✓ Pass

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 4685BF Background



This preview shows how black text looks on a background with the Hex color 4685BF.

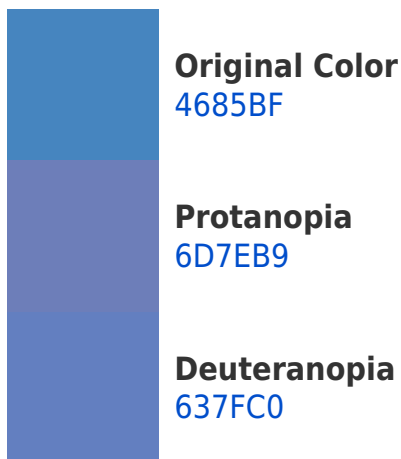


This preview shows how white text looks on a background with the Hex color 4685BF.

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](#).

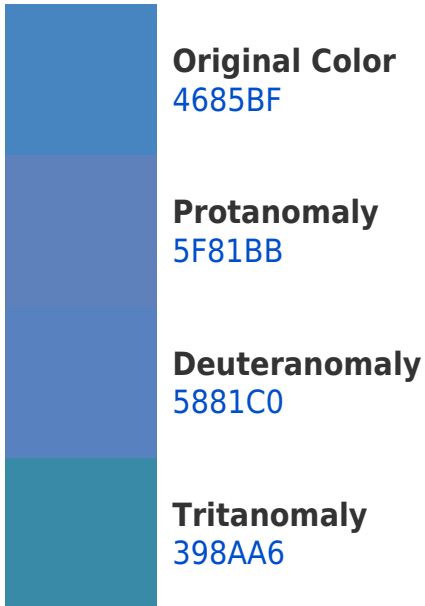
Dichromacy





Tritanopia
328D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4685BF 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 #4685BF looks like.

```
.text, #text, p{  
    color:#4685BF  
}
```

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 #4685BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4685BF
}
```

Border

The CSS property to change the border of an element to Hex 4685BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

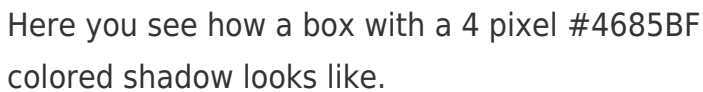
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4685BF }
```

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

```
.border{ border-color:#4685BF }
```

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



Here you see how a box with a 4 pixel #4685BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4685BF; -webkit-box-shadow:4px 4px  
4px 4px #4685BF; box-shadow:4px 4px 4px  
4px #4685BF }
```

Background

The CSS property to change the background color of an element to Hex 4685BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4685BF }
```

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

```
.background{ background-color:#4685BF }
```

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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