

Converting Colors

Hex(0685BC)

Have a look what the booklet for
Hex(0685BC) contains.

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Color

Hex(0685BC)

Conversions

Conversions Part 1

Format	Color
Hex	0685BC
RGB	6, 133, 188
RGB Percent	2%, 52%, 74%
CMY	0.9765, 0.4784, 0.2627
CMYK	0.97, 0.29, 0.00, 0.26
HSL	198°, 94%, 38%
HSV	198°, 97%, 74%
XYZ	17.5397, 20.4446, 50.5987
YIQ	101.2970, -93.3470, -9.8190

Conversions

Conversions Part 2

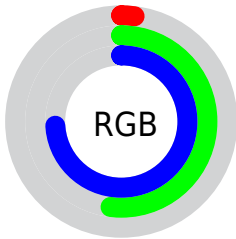
Format	Color
R _Y B	6, 81, 188
Decimal	427452
CIE Lab	52.34, -9.89, -37.09
CIE LCh	52, 38.388, 255.071
Yxy	20.4446, 0.1980, 0.2308
Android (android.graphics.Color)	4278617532 (0xFF0685BC)
YUV	101.2970, 42.7446, -83.5755
Hunter-Lab	45.2157, -9.8852, -34.6975

Details

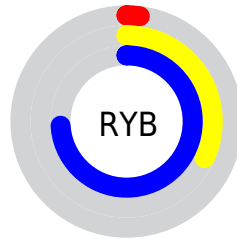
The Hex color **0685BC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BC3D06**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **60BAF5**, and **005486** is the 20% darker color. If you saturate the color by 10%, you get **0083BC**, and if you desaturate by 10%, it is **198BBC**.

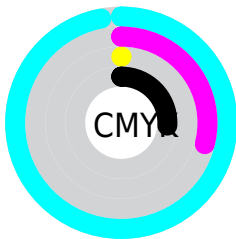
Distribution



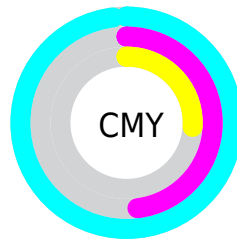
- Red (2%)
- Green (52%)
- Blue (74%)



- Red (2%)
- Yellow (32%)
- Blue (74%)



- Cyan (97%)
- Magenta (29%)
- Yellow (0%)
- Black (26%)



- Cyan (98%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0685BC 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 0685BC by changing the saturation by 10% instead.

0685BC

0685BC

FFFFFF

006CA1

60BAF5

005486

7FD6FF

003D6D

9DF2FF

002754

BCFFFF

00133D

DAFFFF

000326

F8FFFF

00010F

000000

0685BC

0685BC

■ 0083BC

■ 198BBC

■ 2C90BC

■ 3E96BC

■ 519CBC

■ 64A1BC

■ 77A7BC

■ 8AADBC

■ 9CB2BC

■ AFB8BC

Harmonies

Analogous

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



008BAB



0685BC



657BBC

Triad

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



0685BC



BB626D



5C884D

Complementary

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



0685BC



BC3D06

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.



81803B



0685BC



B46950

Square

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



0685BC



B2648F



9F753D



288D6B

Rectangle

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



0685BC



8772B3



9F753D



698645

Sweetspot

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



0685BC



AEDFF5



06BC3D



506D7A



FAFAFA



7A7A7A

Same Dimension

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



0685BC



00ABF5



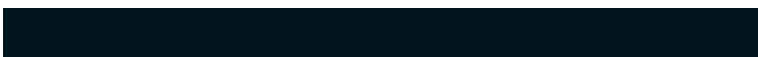
062ABC



555B5E



006E9E



00151F

Inverse Universe

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



BC0685



F500AB



BC9806



5E555B



9E006E



1F0015

Previews

White Background



This preview shows how the Hex color 0685BC looks on a white background.

Color Contrast Check

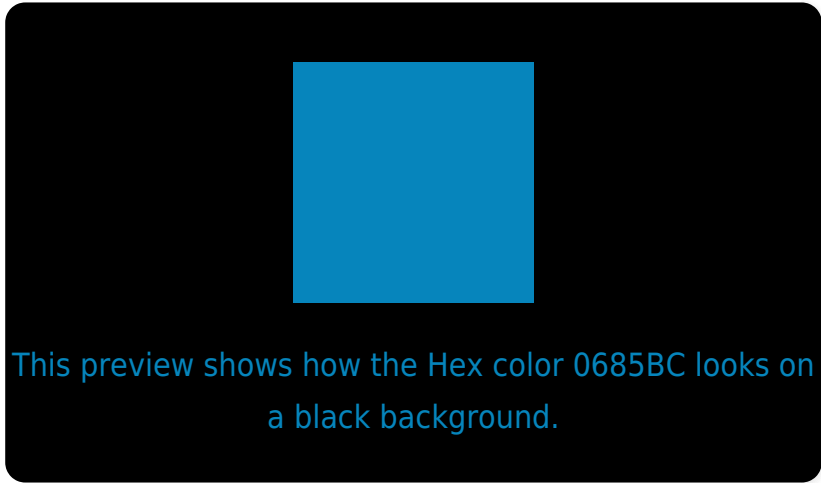
Large Text (above 18pt) WCAG AA ✓ Pass

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

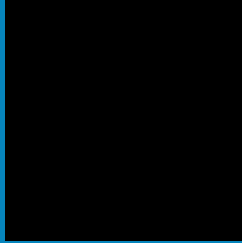
Any Text WCAG AA ✓ Pass

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 0685BC Background



This preview shows how black text looks on a background with the Hex color 0685BC.



This preview shows how white text looks on a background with the Hex color 0685BC.

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](#).

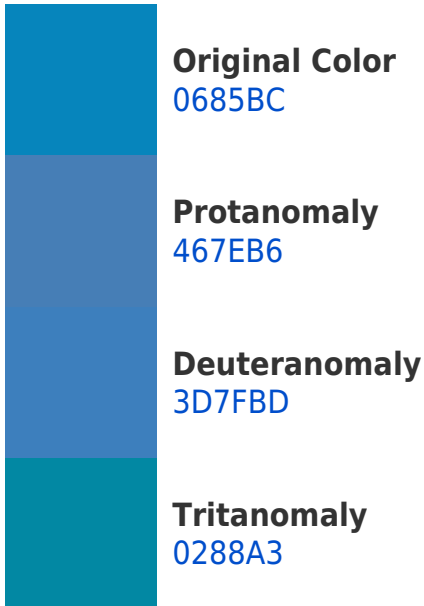
Dichromacy





Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0685BC 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 #0685BC looks like.

```
.text, #text, p{  
    color:#0685BC  
}
```

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 #0685BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0685BC
}
```

Border

The CSS property to change the border of an element to Hex 0685BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

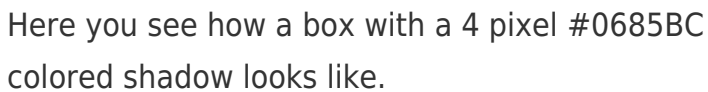
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0685BC }
```

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

```
.border{ border-color:#0685BC }
```

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



Here you see how a box with a 4 pixel #0685BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0685BC; -webkit-box-shadow:4px 4px  
4px 4px #0685BC; box-shadow:4px 4px 4px  
4px #0685BC }
```

Background

The CSS property to change the background color of an element to Hex 0685BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0685BC }
```

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

```
.background{ background-color:#0685BC }
```

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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