

Converting Colors

Hex(3685BD)

Have a look what the booklet for
Hex(3685BD) contains.

Hex(3685BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3685BD)

Conversions

Conversions Part 1

Format	Color
Hex	3685BD
RGB	54, 133, 189
RGB Percent	21%, 52%, 74%
CMY	0.7882, 0.4784, 0.2588
CMYK	0.71, 0.30, 0.00, 0.26
HSL	205°, 56%, 48%
HSV	205°, 71%, 74%
XYZ	19.0942, 21.2335, 51.2362
YIQ	115.7630, -65.0600, 0.6680

Conversions

Conversions Part 2

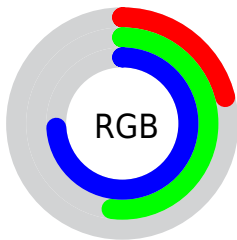
Format	Color
R_{YB}	54, 104, 189
Decimal	3573181
CIE _{Lab}	53.20, -5.46, -36.24
CIE _{LCh}	53, 36.653, 261.437
Yxy	21.2335, 0.2085, 0.2319
Android (android.graphics.Color)	4281763261 (0xFF3685BD)
YUV	115.7630, 36.1058, -54.1662
Hunter-Lab	46.0798, -6.6742, -33.6689

Details

The Hex color **3685BD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD6E36**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **75BAF6**, and **005487** is the 20% darker color. If you saturate the color by 10%, you get **237DBD**, and if you desaturate by 10%, it is **498DBD**.

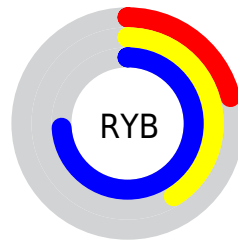
Distribution



Red (21%)

Green (52%)

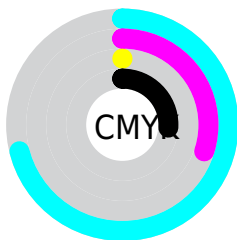
Blue (74%)



Red (21%)

Yellow (41%)

Blue (74%)

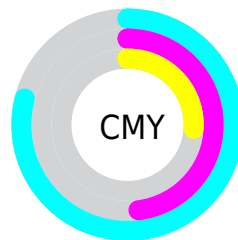


Cyan (71%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (79%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3685BD 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 3685BD by changing the saturation by 10% instead.

 3685BD

 3685BD

FFFFFF

 006CA2

 75BAF6

 005487

 92D6FF

 003D6E

 AFF2FF

 002755

 CDFFFF

 00133D

 EBFFFF

 000327

 000110

 000000

 3685BD

 3685BD

■ 237DBD

■ 498DBD

■ 1075BD

■ 5C95BD

■ 006FBD

■ 6F9DBD

■ 82A4BD

■ 95ACBD

■ A7B4BD

■ BABCBD

■ CDC4BD

■ E0CCBD

Harmonies

Analogous

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



008CB0



3685BD



747ABA

Triad

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



3685BD



BB676A



578B56

Complementary

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



3685BD



BD6E36

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.



7C8443



3685BD



B16F4F

Square

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



3685BD



B56689



9A7A40



238F75

Rectangle

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



3685BD



9272AE



9A7A40



64894E

Sweetspot

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



3685BD



C1DFF5



36BD6C



5C6E7A



FAFAFA



7A7A7A

Same Dimension

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



3685BD



229DF5



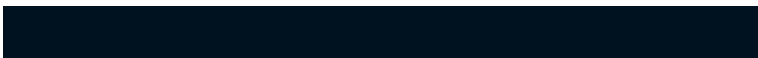
3643BD



555A5E



005D9E



00121F

Inverse Universe

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



BD3685



F5229D



BDB036



5E555A



9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 3685BD looks on a white background.

Color Contrast Check

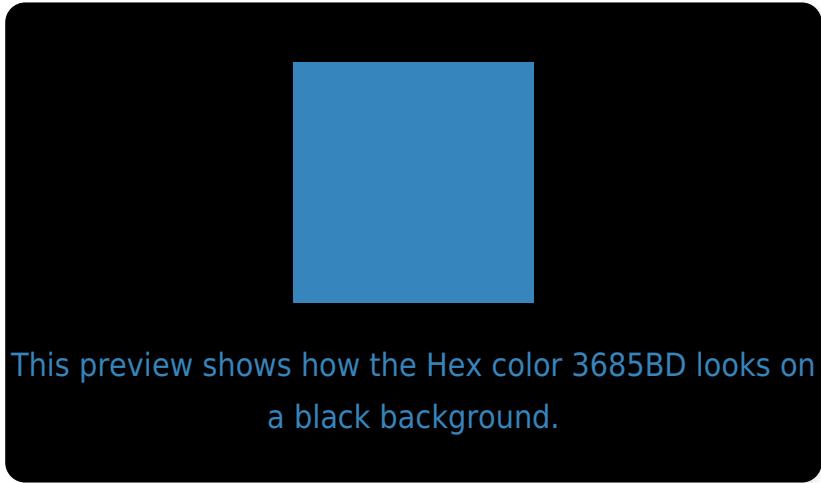
Large Text (above 18pt) WCAG AA ✓ Pass

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

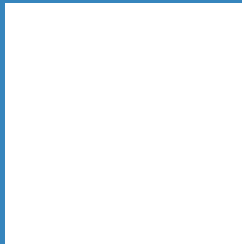
Any Text WCAG AAA × Fail

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

Hex 3685BD Background



This preview shows how black text looks on a background with the Hex color 3685BD.

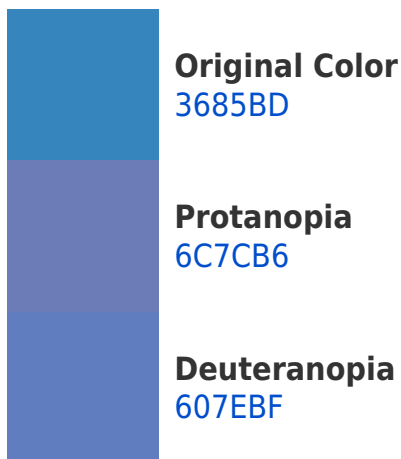


This preview shows how white text looks on a background with the Hex color 3685BD.

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](#).

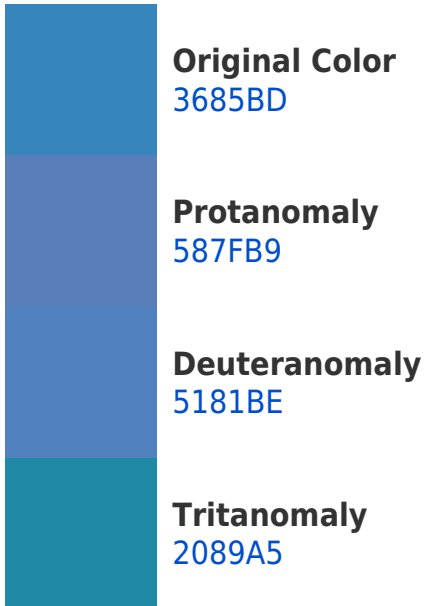
Dichromacy



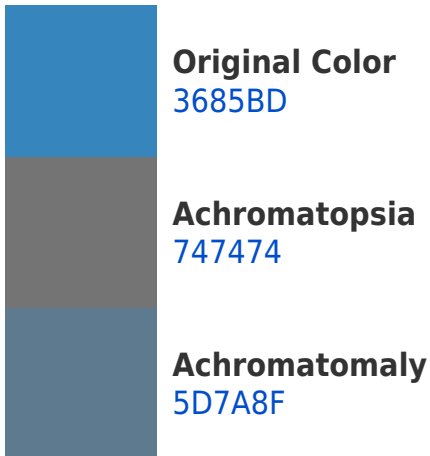


Tritanopia
148C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3685BD 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 #3685BD looks like.

```
.text, #text, p{  
    color:#3685BD  
}
```

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 #3685BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3685BD
}
```

Border

The CSS property to change the border of an element to Hex 3685BD 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
#3685BD }
```

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

```
.border{ border-color:#3685BD }
```

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

Here you see how a box with a 4 pixel #3685BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3685BD; -webkit-box-shadow:4px 4px  
4px 4px #3685BD; box-shadow:4px 4px 4px  
4px #3685BD }
```

Background

The CSS property to change the background color of an element to Hex 3685BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3685BD }
```

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

```
.background{ background-color:#3685BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor