

Converting Colors

Hex(3675C3)

Have a look what the booklet for
Hex(3675C3) contains.

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Color

Hex(3675C3)

Conversions

Conversions Part 1

Format	Color
Hex	3675C3
RGB	54, 117, 195
RGB Percent	21%, 46%, 76%
CMY	0.7882, 0.5412, 0.2353
CMYK	0.72, 0.40, 0.00, 0.24
HSL	213°, 57%, 49%
HSV	213°, 72%, 76%
XYZ	17.7329, 17.4470, 54.0627
YIQ	107.0550, -62.5860, 10.9020

Conversions

Conversions Part 2

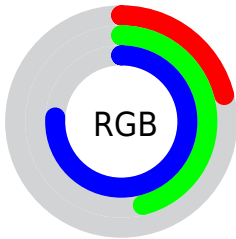
Format	Color
R_{YB}	54, 98, 195
Decimal	3569091
CIE Lab	48.82, 6.32, -46.62
CIE LCh	49, 47.041, 277.715
Yxy	17.4470, 0.1987, 0.1955
Android (android.graphics.Color)	4281759171 (0xFF3675C3)
YUV	107.0550, 43.3569, -46.5292
Hunter-Lab	41.7696, 2.6840, -47.5009

Details

The Hex color **3675C3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C38436**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **76A9FC**, and **00468D** is the 20% darker color. If you saturate the color by 10%, you get **236AC3**, and if you desaturate by 10%, it is **4A80C3**.

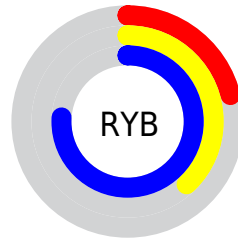
Distribution



Red (21%)

Green (46%)

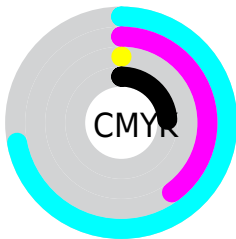
Blue (76%)



Red (21%)

Yellow (38%)

Blue (76%)

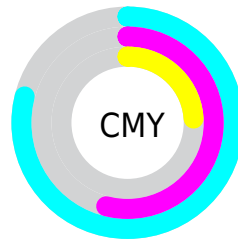


Cyan (72%)

Magenta (40%)

Yellow (0%)

Black (24%)



Cyan (79%)

Magenta (54%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3675C3 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 3675C3 by changing the saturation by 10% instead.

■ 3675C3

■ 3675C3

FFFFFF

■ 005DA7

■ 76A9FC

■ 00468D

■ 93C4FF

■ 003073

■ B1E0FF

■ 001C5A

■ CEFCFF

■ 000642

■ ECFFFF

■ 00032B

■ 000115

■ 000000

■ 3675C3

■ 3675C3

■ 236AC3

■ 4A80C3

■ 0F5FC3

■ 5D8BC3

■ 0057C3

■ 7095C3

■ 84A0C3

■ 98ABC3

■ ABB6C3

■ BEC1C3

■ D2CBC3

■ E6D6C3

Harmonies

Analogous

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



0080BD



3675C3



8365B3

Triad

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



3675C3



B75845



008554

Complementary

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



3675C3



C38436

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.



557F31



3675C3



A16728

Square

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



3675C3



BD4F6B



80751E



00877D

Rectangle

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



3675C3



A15A9F



80751E



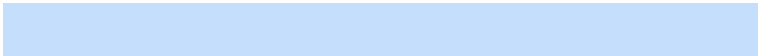
2D8447

Sweetspot

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



3675C3



C5DEFC



36C384



5E6D80



000000



808080

Same Dimension

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



3675C3



2183FC



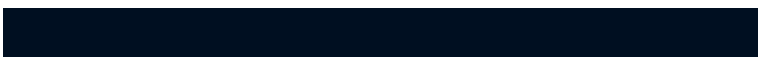
3D36C3



575C61



0048A1



000F21

Inverse Universe

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



C33675



FC2183



BCC336



61575C



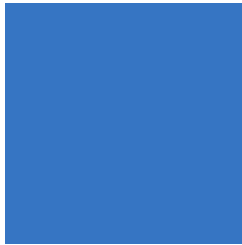
A10048



21000F

Previews

White Background



This preview shows how the Hex color 3675C3 looks on a white background.

Color Contrast Check

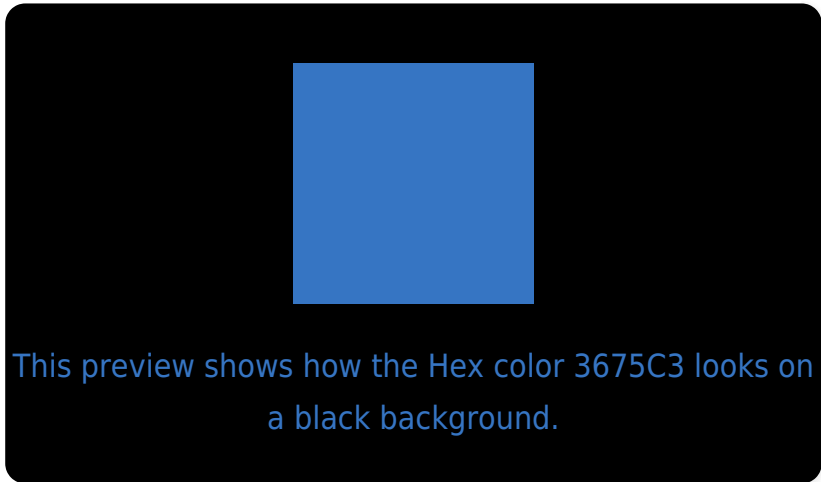
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

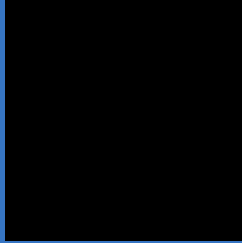
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3675C3 Background



This preview shows how black text looks on a background with the Hex color 3675C3.

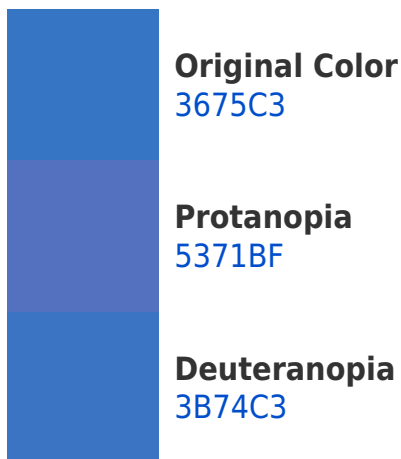


This preview shows how white text looks on a background with the Hex color 3675C3.

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](#).

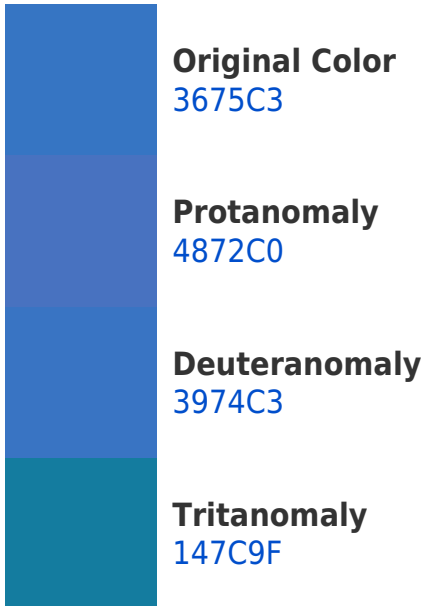
Dichromacy



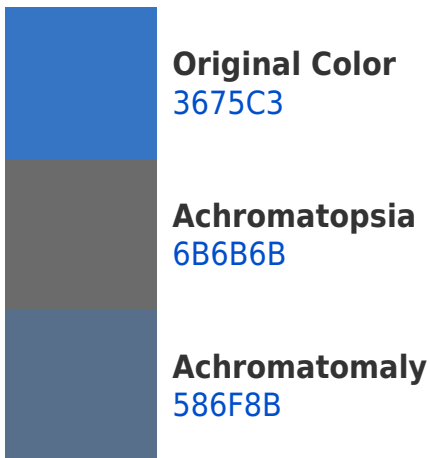


Tritanopia
00808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3675C3 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 #3675C3 looks like.

```
.text, #text, p{  
    color:#3675C3  
}
```

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 #3675C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3675C3
}
```

Border

The CSS property to change the border of an element to Hex 3675C3 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
#3675C3 }
```

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

```
.border{ border-color:#3675C3 }
```

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

Here you see how a box with a 4 pixel #3675C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3675C3; -webkit-box-shadow:4px 4px  
4px 4px #3675C3; box-shadow:4px 4px 4px  
4px #3675C3 }
```

Background

The CSS property to change the background color of an element to Hex 3675C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3675C3 }
```

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

```
.background{ background-color:#3675C3 }
```

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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