

Converting Colors

Hex(3773C3)

Have a look what the booklet for
Hex(3773C3) contains.

Hex(3773C3)	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(3773C3)

Conversions

Conversions Part 1

Format	Color
Hex	3773C3
RGB	55, 115, 195
RGB Percent	22%, 45%, 76%
CMY	0.7843, 0.5490, 0.2353
CMYK	0.72, 0.41, 0.00, 0.24
HSL	214°, 56%, 49%
HSV	214°, 72%, 76%
XYZ	17.5566, 17.0138, 53.9884
YIQ	106.1800, -61.4400, 12.1600

Conversions

Conversions Part 2

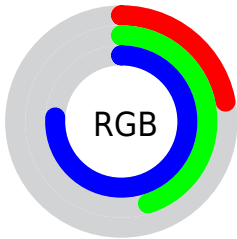
Format	Color
RYB	55, 97, 195
Decimal	3634115
CIELab	48.28, 7.70, -47.48
CIELCh	48, 48.095, 279.209
Yxy	17.0138, 0.1982, 0.1921
Android (android.graphics.Color)	4281824195 (0xFF3773C3)
YUV	106.1800, 43.7883, -44.8849
Hunter-Lab	41.2478, 3.7926, -48.7300

Details

The Hex color **3773C3** 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 **C38737**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **76A6FC**, and **00448D** is the 20% darker color. If you saturate the color by 10%, you get **2468C3**, and if you desaturate by 10%, it is **4A7EC3**.

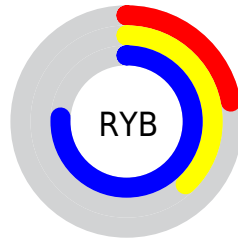
Distribution



Red (22%)

Green (45%)

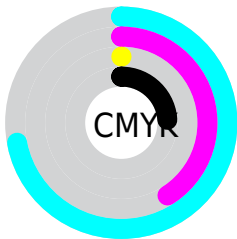
Blue (76%)



Red (22%)

Yellow (38%)

Blue (76%)

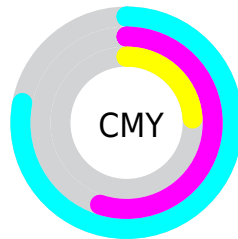


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3773C3 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 3773C3 by changing the saturation by 10% instead.

■ 3773C3

■ 3773C3

FFFFFF

■ 005BA7

■ 76A6FC

■ 00448D

■ 94C1FF

■ 002E73

■ B1DDFF

■ 001B5A

■ CFFAFF

■ 000742

■ EDFFFF

■ 00032B

■ 000115

■ 000000

■ 3773C3

■ 3773C3

■ 2468C3

■ 4A7EC3

■ 105DC3

■ 5E89C3

■ 0054C3

■ 7194C3

■ 85A0C3

■ 99ABC3

■ ACB6C3

■ BFC1C3

■ D3CCC3

■ E7D7C3

Harmonies

Analogous

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



007FBE



3773C3



8562B2

Triad

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



3773C3



B65641



008454

Complementary

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



3773C3



C38737

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.



507F2F



3773C3



9F6623

Square

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



3773C3



BD4D68



7C751A



00867E

Rectangle

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



3773C3



A3579D



7C751A



248347

Sweetspot

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



3773C3



C5DDFC



37C386



5E6D80



000000



808080

Same Dimension

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



3773C3



2380FC



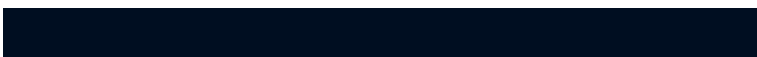
4037C3



575B61



0045A1



000E21

Inverse Universe

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



C33773



FC2380



BAC337



61575B



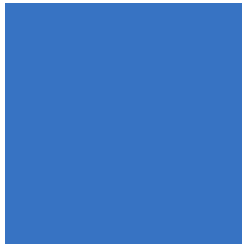
A10045



21000E

Previews

White Background



This preview shows how the Hex color 3773C3 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



This preview shows how the Hex color 3773C3 looks on a 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 3773C3 Background



This preview shows how black text looks on a background with the Hex color 3773C3.

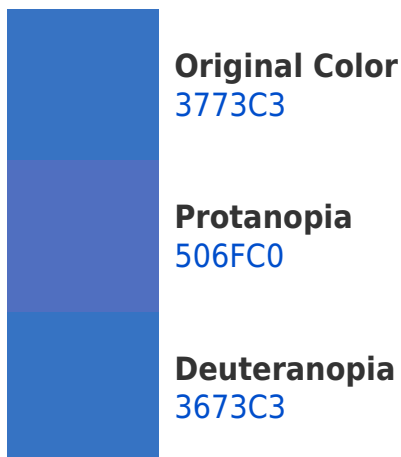


This preview shows how white text looks on a background with the Hex color 3773C3.

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
007F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3773C3 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 #3773C3 looks like.

```
.text, #text, p{  
    color:#3773C3  
}
```

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 #3773C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3773C3
}
```

Border

The CSS property to change the border of an element to Hex 3773C3 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
#3773C3 }
```

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

```
.border{ border-color:#3773C3 }
```

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

Here you see how a box with a 4 pixel #3773C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3773C3; -webkit-box-shadow:4px 4px  
4px 4px #3773C3; box-shadow:4px 4px 4px  
4px #3773C3 }
```

Background

The CSS property to change the background color of an element to Hex 3773C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3773C3 }
```

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

```
.background{ background-color:#3773C3 }
```

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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