

Converting Colors

Hex(3773C1)

Have a look what the booklet for
Hex(3773C1) contains.

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Color

Hex(3773C1)

Conversions

Conversions Part 1

Format	Color
Hex	3773C1
RGB	55, 115, 193
RGB Percent	22%, 45%, 76%
CMY	0.7843, 0.5490, 0.2431
CMYK	0.72, 0.40, 0.00, 0.24
HSL	214°, 56%, 49%
HSV	214°, 72%, 76%
XYZ	17.3319, 16.9239, 52.8052
YIQ	105.9520, -60.7980, 11.5380

Conversions

Conversions Part 2

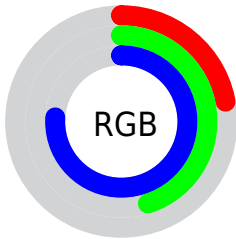
Format	Color
RYB	55, 97, 193
Decimal	3634113
CIELab	48.16, 6.97, -46.51
CIElCh	48, 47.025, 278.518
Yxy	16.9239, 0.1991, 0.1944
Android (android.graphics.Color)	4281824193 (0xFF3773C1)
YUV	105.9520, 42.9147, -44.6849
Hunter-Lab	41.1387, 3.2100, -47.3069

Details

The Hex color **3773C1** 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 **C18537**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **76A6FA**, and **00448B** is the 20% darker color. If you saturate the color by 10%, you get **2468C1**, and if you desaturate by 10%, it is **4A7EC1**.

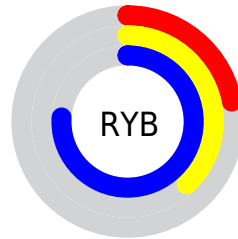
Distribution



Red (22%)

Green (45%)

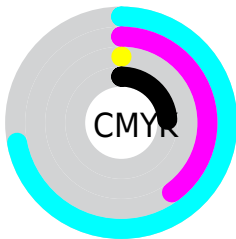
Blue (76%)



Red (22%)

Yellow (38%)

Blue (76%)

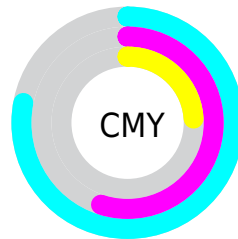


Cyan (72%)

Magenta (40%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3773C1 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 3773C1 by changing the saturation by 10% instead.

■ 3773C1

■ 3773C1

FFFFFF

■ 015BA6

■ 76A6FA

■ 00448B

■ 93C2FF

■ 002E71

■ B1DDFF

■ 001B58

■ CEFAFF

■ 000740

■ ECFFFF

■ 000329

■ 000113

■ 000000

■ 3773C1

■ 3773C1

■ 2468C1

■ 4A7EC1

■ 105DC1

■ 5E89C1

■ 0054C1

■ 7194C1

■ 849FC1

■ 98AAC1

■ ABB4C1

■ BEBFC1

■ D1CAC1

■ E5D5C1

Harmonies

Analogous

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



007EBC



3773C1



8363B1

Triad

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



3773C1



B55643



008454

Complementary

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



3773C1



C18537

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.



527E30



3773C1



9F6626

Square

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



3773C1



BB4E69



7D741C



00867D

Rectangle

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



3773C1



A1589C



7D741C



298247

Sweetspot

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



3773C1



C5DCFA



37C183



5E6B7D



FCFCFC



7D7D7D

Same Dimension

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



3773C1



2380FA



3E37C1



575B61



0046A1



000E21

Inverse Universe

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



C13773



FA2380



BAC137



61575B



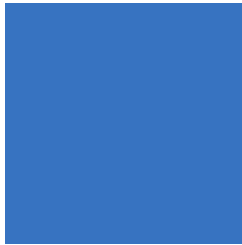
A10046



21000E

Previews

White Background



This preview shows how the Hex color 3773C1 looks on a white background.

Color Contrast Check

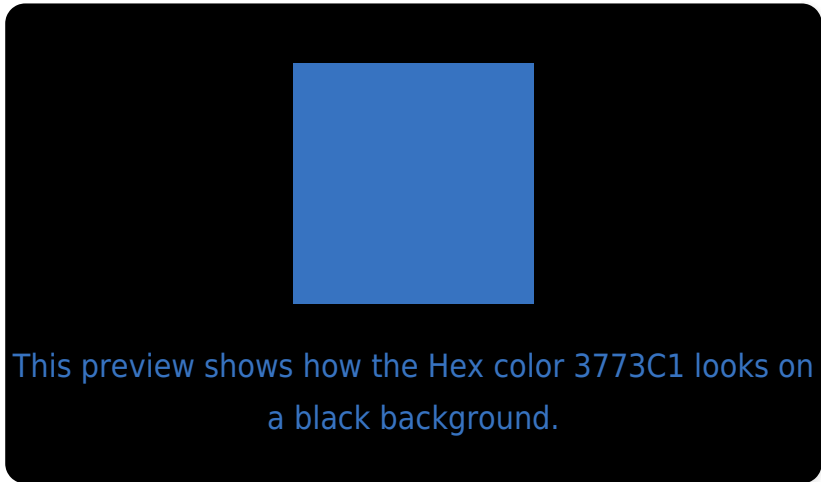
Large Text (above 18pt) WCAG AA ✓ Pass

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

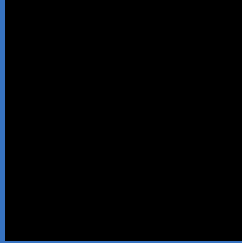
Any Text WCAG AA × Fail

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 3773C1 Background



This preview shows how black text looks on a background with the Hex color 3773C1.

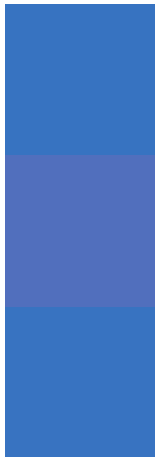


This preview shows how white text looks on a background with the Hex color 3773C1.

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



Original Color
3773C1

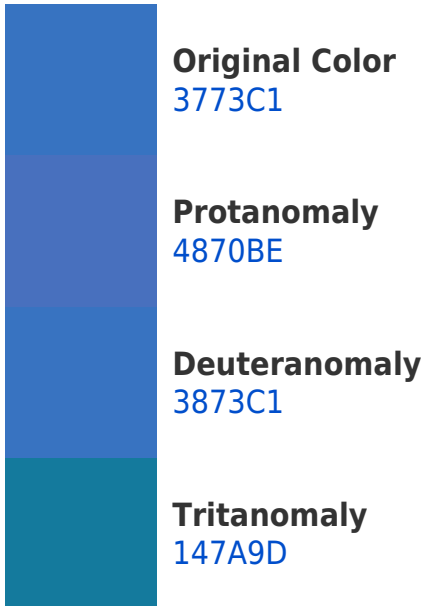
Protanopia
516FBD

Deuteranopia
3873C1



Tritanopia
007E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3773C1 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 #3773C1 looks like.

```
.text, #text, p{  
    color:#3773C1  
}
```

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 #3773C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3773C1
}
```

Border

The CSS property to change the border of an element to Hex 3773C1 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
#3773C1 }
```

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

```
.border{ border-color:#3773C1 }
```

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

Here you see how a box with a 4 pixel #3773C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3773C1; -webkit-box-shadow:4px 4px  
4px 4px #3773C1; box-shadow:4px 4px 4px  
4px #3773C1 }
```

Background

The CSS property to change the background color of an element to Hex 3773C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3773C1 }
```

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

```
.background{ background-color:#3773C1 }
```

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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