

Converting Colors

Hex(0373C3)

Have a look what the booklet for
Hex(0373C3) contains.

Hex(0373C3)	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(0373C3)

Conversions

Conversions Part 1

Format	Color
Hex	0373C3
RGB	3, 115, 195
RGB Percent	1%, 45%, 76%
CMY	0.9882, 0.5490, 0.2353
CMYK	0.98, 0.41, 0.00, 0.24
HSL	205°, 97%, 39%
HSV	205°, 98%, 76%
XYZ	16.0186, 16.2210, 53.9164
YIQ	90.6320, -92.4320, 1.1360

Conversions

Conversions Part 2

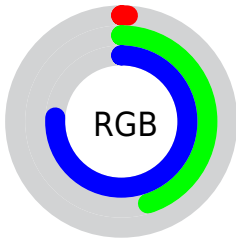
Format	Color
RYB	3, 74, 195
Decimal	226243
CIELab	47.26, 3.50, -49.15
CIELCh	47, 49.278, 274.071
Yxy	16.2210, 0.1859, 0.1883
Android (android.graphics.Color)	4278416323 (0xFF0373C3)
YUV	90.6320, 51.4534, -76.8533
Hunter-Lab	40.2752, 0.5128, -51.1788

Details

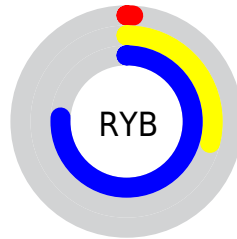
The Hex color **0373C3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C35303**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **61A6FC**, and **00448D** is the 20% darker color. If you saturate the color by 10%, you get **0072C3**, and if you desaturate by 10%, it is **167BC3**.

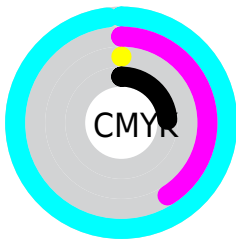
Distribution



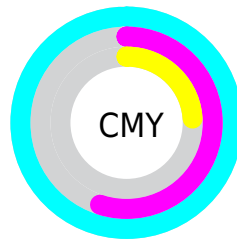
- Red (1%)
- Green (45%)
- Blue (76%)



- Red (1%)
- Yellow (29%)
- Blue (76%)



- Cyan (98%)
- Magenta (41%)
- Yellow (0%)
- Black (24%)



- Cyan (99%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0373C3 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 0373C3 by changing the saturation by 10% instead.

■ 0373C3

■ 0373C3

FFFFFF

■ 005BA7

■ 61A6FC

■ 00448D

■ 80C1FF

■ 002E73

■ 9EDDFF

■ 001B5A

■ BDFAFF

■ 000742

■ DBFFFF

■ 00032A

■ FAFFFF

■ 000115

■ 000000

■ 0373C3

■ 0373C3

■ 0072C3

■ 167BC3

■ 2A83C3

■ 3D8BC3

■ 5194C3

■ 649CC3

■ 78A4C3

■ 8BACC3

■ 9FB4C3

■ B3BCC3

Harmonies

Analogous

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



007EBA



0373C3



7863B5

Triad

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



0373C3



B75044



00814A

Complementary

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



0373C3



C35303

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.



557B25



0373C3



A26023

Square

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



0373C3



BA486C



807012



008475

Rectangle

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



0373C3



9A56A1



807012



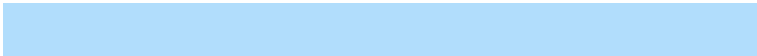
2D803D

Sweetspot

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



0373C3



B1DDFC



03C353



526C80



000000



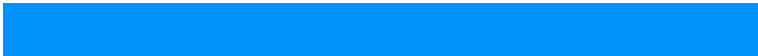
808080

Same Dimension

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



0373C3



0093FC



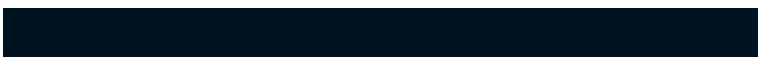
0313C3



575D61



005EA1



001321

Inverse Universe

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



C30373



FC0093



C3B303



61575D



A1005E



210013

Previews

White Background



This preview shows how the Hex color 0373C3 looks on a white background.

Color Contrast Check

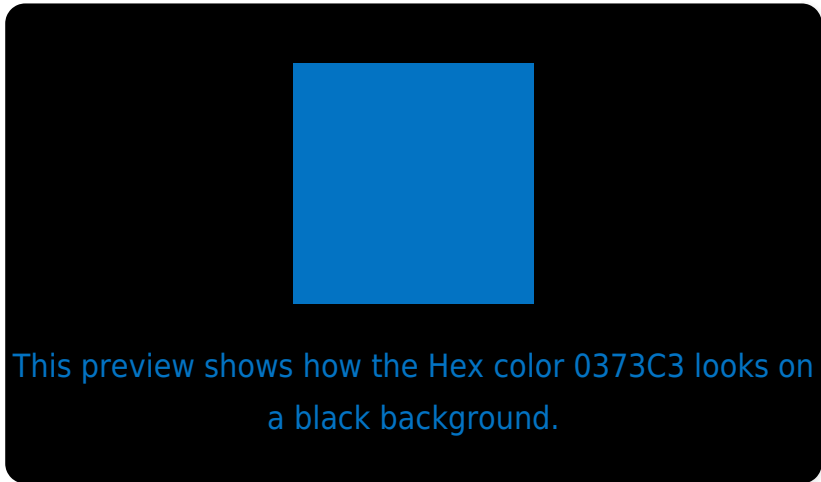
Large Text (above 18pt) WCAG AA ✓ Pass

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

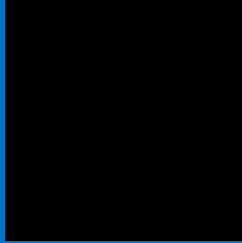
Any Text WCAG AA × Fail

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 0373C3 Background



This preview shows how black text looks on a background with the Hex color 0373C3.

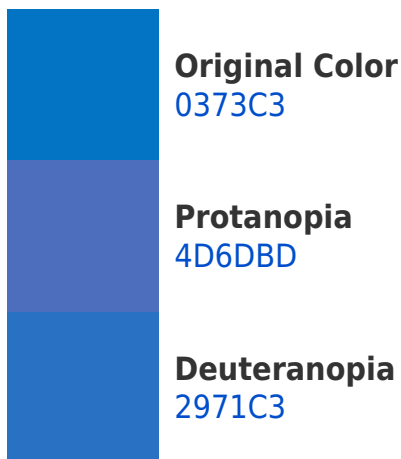


This preview shows how white text looks on a background with the Hex color 0373C3.

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](#).

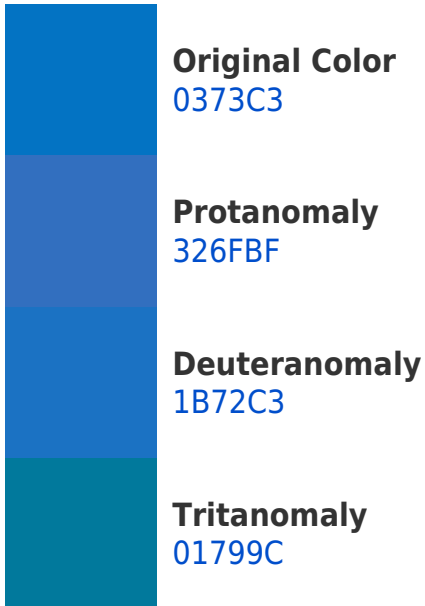
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0373C3 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 #0373C3 looks like.

```
.text, #text, p{  
    color:#0373C3  
}
```

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 #0373C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0373C3
}
```

Border

The CSS property to change the border of an element to Hex 0373C3 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
#0373C3 }
```

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

```
.border{ border-color:#0373C3 }
```

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

Here you see how a box with a 4 pixel #0373C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0373C3; -webkit-box-shadow:4px 4px  
4px 4px #0373C3; box-shadow:4px 4px 4px  
4px #0373C3 }
```

Background

The CSS property to change the background color of an element to Hex 0373C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0373C3 }
```

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

```
.background{ background-color:#0373C3 }
```

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