

Converting Colors

Hex(3973CF)

Have a look what the booklet for
Hex(3973CF) contains.

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Color

Hex(3973CF)

Conversions

Conversions Part 1

Format	Color
Hex	3973CF
RGB	57, 115, 207
RGB Percent	22%, 45%, 81%
CMY	0.7765, 0.5490, 0.1882
CMYK	0.72, 0.44, 0.00, 0.19
HSL	217°, 61%, 52%
HSV	217°, 72%, 81%
XYZ	19.0806, 17.6363, 61.4300
YIQ	108.1460, -64.1000, 16.3160

Conversions

Conversions Part 2

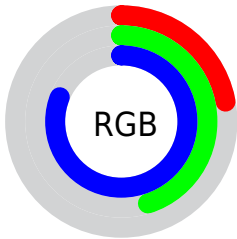
Format	Color
RYB	57, 99, 207
Decimal	3765199
CIELab	49.05, 12.37, -53.10
CIELCh	49, 54.524, 283.113
Yxy	17.6363, 0.1944, 0.1797
Android (android.graphics.Color)	4281955279 (0xFF3973CF)
YUV	108.1460, 48.7350, -44.8550
Hunter-Lab	41.9956, 7.6085, -57.3308

Details

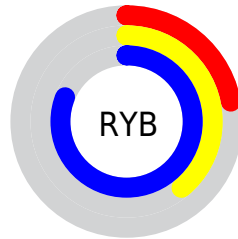
The Hex color **3973CF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CF9539**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7AA6FF**, and **004498** is the 20% darker color. If you saturate the color by 10%, you get **2466CF**, and if you desaturate by 10%, it is **4E80CF**.

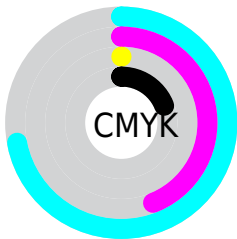
Distribution



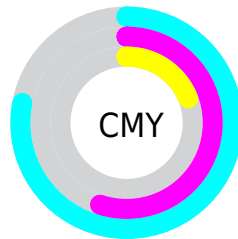
- Red (22%)
- Green (45%)
- Blue (81%)



- Red (22%)
- Yellow (39%)
- Blue (81%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (55%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3973CF 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 3973CF by changing the saturation by 10% instead.

■ 3973CF

■ 3973CF

FFFFFF

■ 005BB3

■ 7AA6FF

■ 004498

■ 98C1FF

■ 002E7D

■ B6DDFF

■ 001B64

■ D4FAFF

■ 00034B

■ F2FFFF

■ 000434

■ 00021E

■ 000000

■ 3973CF

■ 3973CF

■ 2466CF

■ 4E80CF

■ 105ACF

■ 628CCF

■ 0050CF

■ 7799CF

■ 8CA6CF

■ A1B2CF

■ B5BFCF

■ CACCCF

■ DFD9CF

■ F3E5CF

Harmonies

Analogous

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



0081CD



3973CF



905FB9

Triad

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



3973CF



BD5537



008958

Complementary

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



3973CF



CF9539

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.



44832B



3973CF



A16912

Square

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



3973CF



C84762



787906



008A88

Rectangle

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



3973CF



B0519F



787906



008748

Sweetspot

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



3973CF



C7DDFF



39CF93



5E6B80



000000



808080

Same Dimension

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



3973CF



2177FF



4839CF



5E6269



0041A8



001029

Inverse Universe

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



CF3973



FF2177



C0CF39



695E62



A80041



290010

Previews

White Background



This preview shows how the Hex color 3973CF looks on a white background.

Color Contrast Check

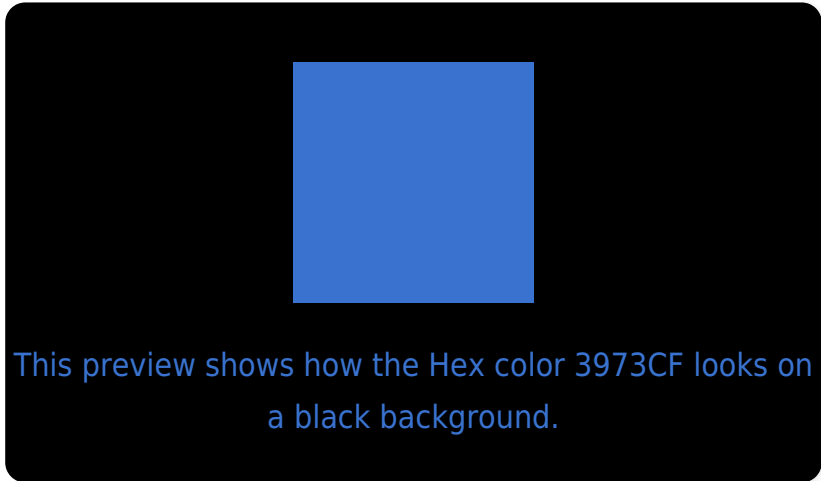
Large Text (above 18pt) WCAG AA ✓ Pass

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

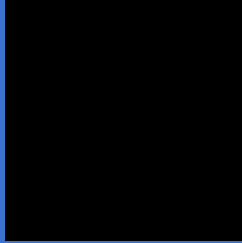
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

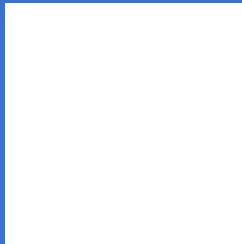
Any Text WCAG AAA × Fail

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

Hex 3973CF Background



This preview shows how black text looks on a background with the Hex color 3973CF.



This preview shows how white text looks on a background with the Hex color 3973CF.

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](#).

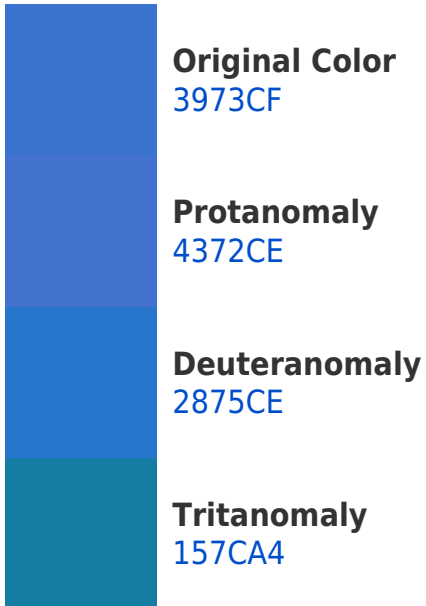
Dichromacy



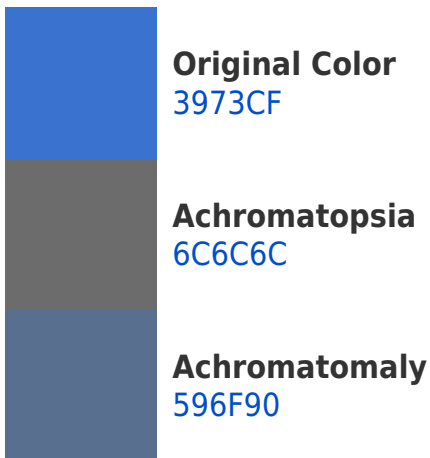


Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3973CF 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 #3973CF looks like.

```
.text, #text, p{  
    color:#3973CF  
}
```

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 #3973CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3973CF
}
```

Border

The CSS property to change the border of an element to Hex 3973CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

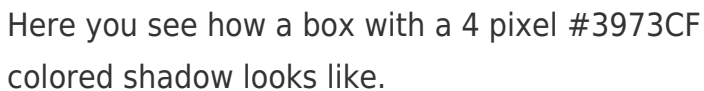
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3973CF }
```

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

```
.border{ border-color:#3973CF }
```

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



Here you see how a box with a 4 pixel `#3973CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3973CF; -webkit-box-shadow:4px 4px  
4px 4px #3973CF; box-shadow:4px 4px 4px  
4px #3973CF }
```

Background

The CSS property to change the background color of an element to Hex 3973CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3973CF }
```

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

```
.background{ background-color:#3973CF }
```

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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