

Converting Colors

Hex(3873C5)

Have a look what the booklet for
Hex(3873C5) contains.

Hex(3873C5)	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(3873C5)

Conversions

Conversions Part 1

Format	Color
Hex	3873C5
RGB	56, 115, 197
RGB Percent	22%, 45%, 77%
CMY	0.7804, 0.5490, 0.2275
CMYK	0.72, 0.42, 0.00, 0.23
HSL	215°, 56%, 50%
HSV	215°, 72%, 77%
XYZ	17.8397, 17.1334, 55.1902
YIQ	106.7070, -61.4860, 12.9940

Conversions

Conversions Part 2

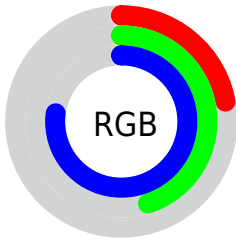
Format	Color
RYB	56, 98, 197
Decimal	3699653
CIELab	48.43, 8.57, -48.38
CIELCh	48, 49.135, 280.046
Yxy	17.1334, 0.1979, 0.1900
Android (android.graphics.Color)	4281889733 (0xFF3873C5)
YUV	106.7070, 44.5144, -44.4700
Hunter-Lab	41.3926, 4.4942, -50.0787

Details

The Hex color **3873C5** 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 **C58A38**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **77A6FE**, and **00448F** is the 20% darker color. If you saturate the color by 10%, you get **2468C5**, and if you desaturate by 10%, it is **4C7EC5**.

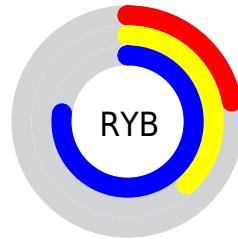
Distribution



Red (22%)

Green (45%)

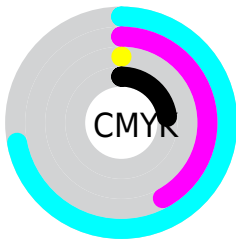
Blue (77%)



Red (22%)

Yellow (38%)

Blue (77%)

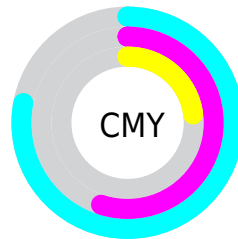


Cyan (72%)

Magenta (42%)

Yellow (0%)

Black (23%)



Cyan (78%)

Magenta (55%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3873C5 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 3873C5 by changing the saturation by 10% instead.

■ 3873C5

■ 3873C5

FFFFFF

■ 015BA9

■ 77A6FE

■ 00448F

■ 95C1FF

■ 002E74

■ B2DDFF

■ 001B5B

■ D0FAFF

■ 000643

■ EEEFFF

■ 00032C

■ 000116

■ 000000

■ 3873C5

■ 3873C5

■ 2468C5

■ 4C7EC5

■ 115CC5

■ 5F8AC5

■ 0052C5

■ 7395C5

■ 87A1C5

■ 9BACC5

■ AEB8C5

■ C2C3C5

■ D6CFC5

■ E9DAC5

Harmonies

Analogous

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



007FC1



3873C5



8762B3

Triad

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



3873C5



B75640



008555

Complementary

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



3873C5



C58A38

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.



4E7F2F



3873C5



9F6721

Square

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



3873C5



BE4C67



7C7517



008780

Rectangle

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



3873C5



A5569D



7C7517



1E8447

Sweetspot

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



3873C5



C9E0FF



38C588



606D80



000000



808080

Same Dimension

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



3873C5



247FFF



4138C5



5A5E63



0044A3



000F24

Inverse Universe

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



C53873



FF247F



BCC538



635A5E



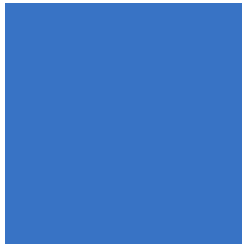
A30044



24000F

Previews

White Background



This preview shows how the Hex color 3873C5 looks on a white background.

Color Contrast Check

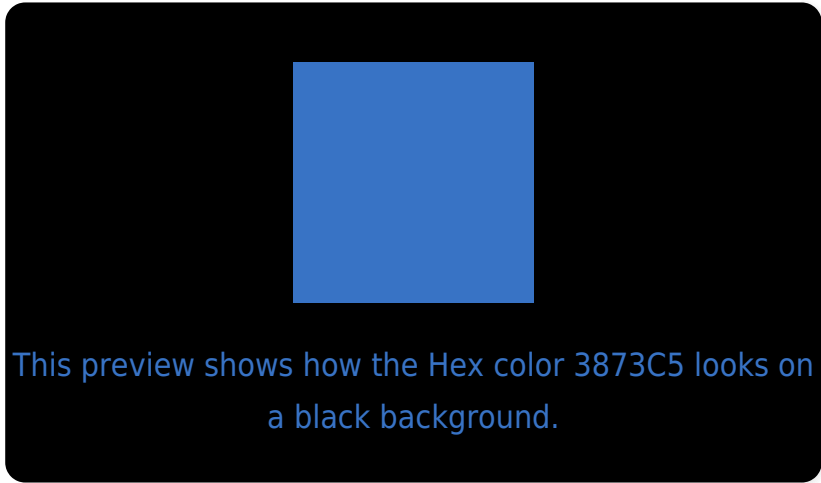
Large Text (above 18pt) WCAG AA ✓ Pass

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

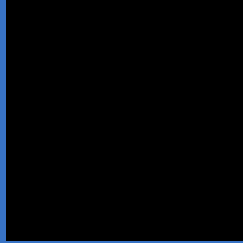
Any Text WCAG AA × Fail

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 3873C5 Background



This preview shows how black text looks on a background with the Hex color 3873C5.

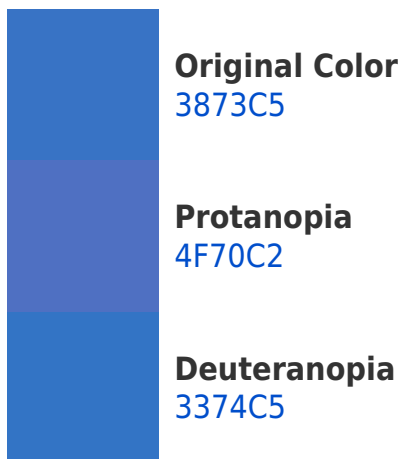


This preview shows how white text looks on a background with the Hex color 3873C5.

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](#).

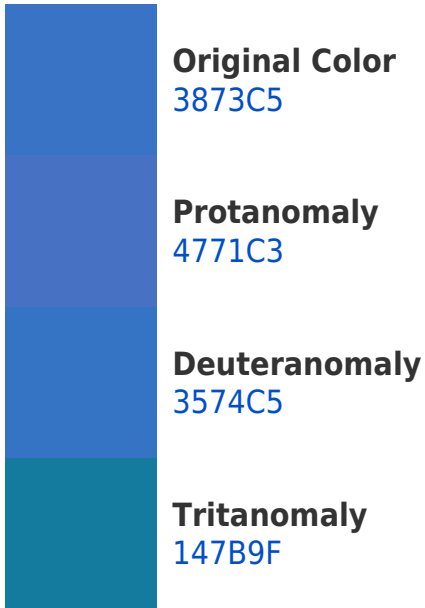
Dichromacy





Tritanopia
007F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3873C5 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 #3873C5 looks like.

```
.text, #text, p{  
    color:#3873C5  
}
```

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 #3873C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3873C5
}
```

Border

The CSS property to change the border of an element to Hex 3873C5 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
#3873C5 }
```

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

```
.border{ border-color:#3873C5 }
```

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

Here you see how a box with a 4 pixel #3873C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3873C5; -webkit-box-shadow:4px 4px  
4px 4px #3873C5; box-shadow:4px 4px 4px  
4px #3873C5 }
```

Background

The CSS property to change the background color of an element to Hex 3873C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3873C5 }
```

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

```
.background{ background-color:#3873C5 }
```

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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