

Converting Colors

Hex(3871BC)

Have a look what the booklet for
Hex(3871BC) contains.

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Color

Hex(3871BC)

Conversions

Conversions Part 1

Format	Color
Hex	3871BC
RGB	56, 113, 188
RGB Percent	22%, 44%, 74%
CMY	0.7804, 0.5569, 0.2627
CMYK	0.70, 0.40, 0.00, 0.26
HSL	214°, 54%, 48%
HSV	214°, 70%, 74%
XYZ	16.6131, 16.2818, 49.8441
YIQ	104.5070, -58.0470, 11.2410

Conversions

Conversions Part 2

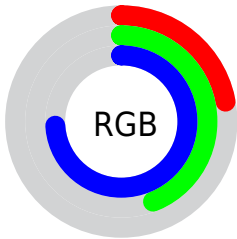
Format	Color
RYB	56, 96, 188
Decimal	3699132
CIELab	47.34, 6.53, -44.93
CIElCh	47, 45.402, 278.273
Yxy	16.2818, 0.2008, 0.1968
Android (android.graphics.Color)	4281889212 (0xFF3871BC)
YUV	104.5070, 41.1620, -42.5406
Hunter-Lab	40.3508, 2.8777, -44.9936

Details

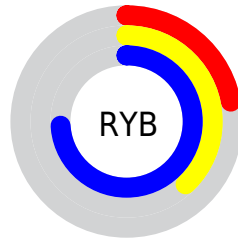
The Hex color **3871BC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BC8338**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **76A4F5**, and **004286** is the 20% darker color. If you saturate the color by 10%, you get **2566BC**, and if you desaturate by 10%, it is **4B7CBC**.

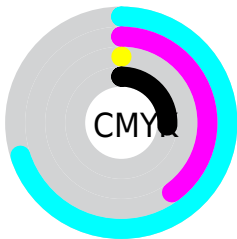
Distribution



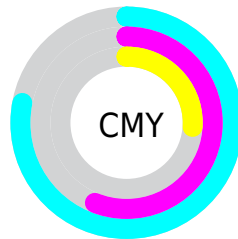
- Red (22%)
- Green (44%)
- Blue (74%)



- Red (22%)
- Yellow (38%)
- Blue (74%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (26%)



- Cyan (78%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3871BC 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 3871BC by changing the saturation by 10% instead.

■ 3871BC

■ 3871BC

FFFFFF

■ 0759A1

■ 76A4F5

■ 004286

■ 93BFFF

■ 002C6C

■ B0DBFF

■ 001954

■ CEF7FF

■ 00063C

■ EBFFFF

■ 000225

■ 00010E

■ 000000

■ 3871BC

■ 3871BC

■ 2566BC

■ 4B7CBC

■ 125CBC

■ 5E86BC

■ 0051BC

■ 7091BC

■ 839CBC

■ 96A6BC

■ A9B1BC

■ BCBCBC

■ CEC6BC

■ E1D1BC

Harmonies

Analogous

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



007CB7



3871BC



8062AD

Triad

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



3871BC



B15543



008153

Complementary

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



3871BC



BC8338

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.



527B31



3871BC



9B6427

Square

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



3871BC



B64D67



7B721E



00837A

Rectangle

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



3871BC



9D5799



7B721E



2C7F46

Sweetspot

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



3871BC



C1D8F5



38BC83



5C697A



FAFAFA



7A7A7A

Same Dimension

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



3871BC



2780F5



4138BC



55595E



00449E



000D1F

Inverse Universe

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



BC3871



F52780



B3BC38



5E5559



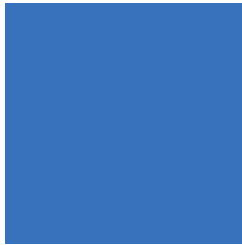
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 3871BC looks on a white background.

Color Contrast Check

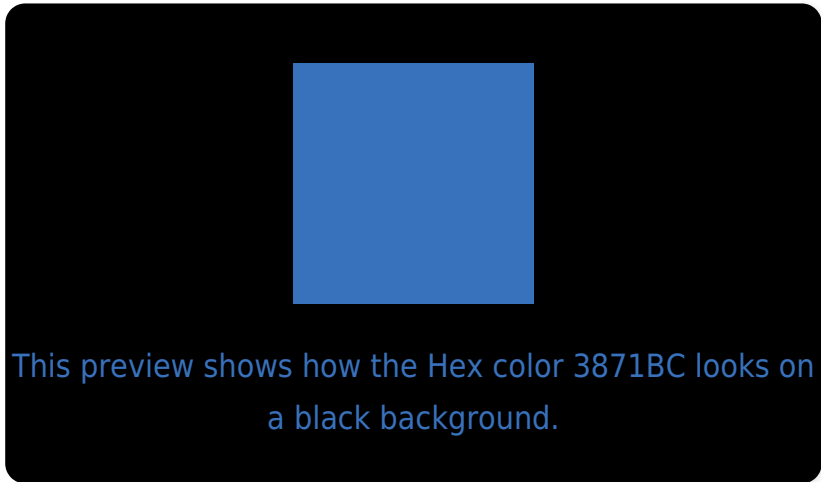
Large Text (above 18pt) WCAG AA ✓ Pass

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

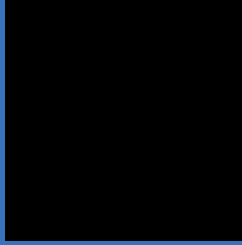
Any Text WCAG AA × Fail

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 3871BC Background



This preview shows how black text looks on a background with the Hex color 3871BC.



This preview shows how white text looks on a background with the Hex color 3871BC.

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
3871BC

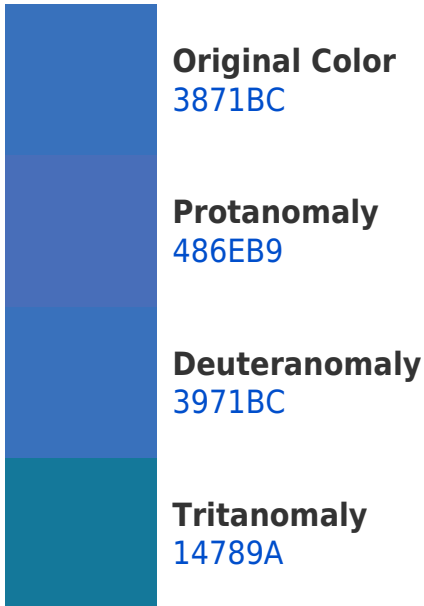
Protanopia
516DB8

Deuteranopia
3A71BC

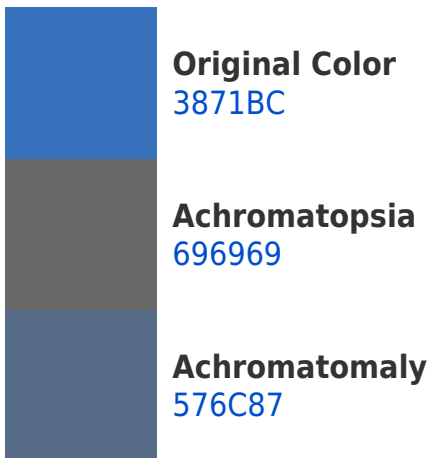


Tritanopia
007C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3871BC 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 #3871BC looks like.

```
.text, #text, p{  
    color:#3871BC  
}
```

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 #3871BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3871BC
}
```

Border

The CSS property to change the border of an element to Hex 3871BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

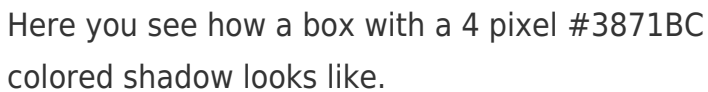
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3871BC }
```

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

```
.border{ border-color:#3871BC }
```

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



Here you see how a box with a 4 pixel #3871BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3871BC; -webkit-box-shadow:4px 4px  
4px 4px #3871BC; box-shadow:4px 4px 4px  
4px #3871BC }
```

Background

The CSS property to change the background color of an element to Hex 3871BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3871BC }
```

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

```
.background{ background-color:#3871BC }
```

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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