

Converting Colors

Hex(3880C5)

Have a look what the booklet for
Hex(3880C5) contains.

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Color

Hex(3880C5)

Conversions

Conversions Part 1

Format	Color
Hex	3880C5
RGB	56, 128, 197
RGB Percent	22%, 50%, 77%
CMY	0.7804, 0.4980, 0.2275
CMYK	0.72, 0.35, 0.00, 0.23
HSL	209°, 56%, 50%
HSV	209°, 72%, 77%
XYZ	19.4281, 20.3103, 55.7196
YIQ	114.3380, -65.0610, 6.1950

Conversions

Conversions Part 2

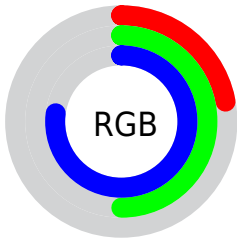
Format	Color
RYB	56, 104, 197
Decimal	3702981
CIELab	52.19, 0.63, -42.41
CIELCh	52, 42.415, 270.847
Yxy	20.3103, 0.2035, 0.2128
Android (android.graphics.Color)	4281893061 (0xFF3880C5)
YUV	114.3380, 40.7524, -51.1624
Hunter-Lab	45.0670, -1.9169, -41.7578

Details

The Hex color **3880C5** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C57D38**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **77B4FE**, and **004F8F** is the 20% darker color. If you saturate the color by 10%, you get **2476C5**, and if you desaturate by 10%, it is **4C8AC5**.

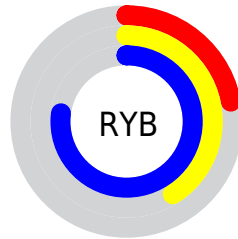
Distribution



Red (22%)

Green (50%)

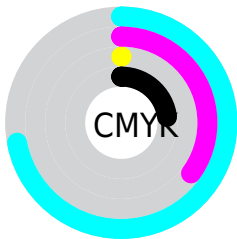
Blue (77%)



Red (22%)

Yellow (41%)

Blue (77%)

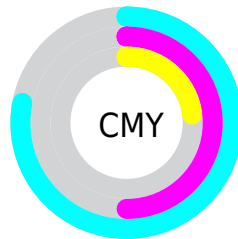


Cyan (72%)

Magenta (35%)

Yellow (0%)

Black (23%)



Cyan (78%)

Magenta (50%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3880C5 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 3880C5 by changing the saturation by 10% instead.

 3880C5

 3880C5

FFFFFF

 0167A9

 77B4FE

 004F8F

 95D0FF

 003975

 B2ECFF

 00245C

 D0FFFF

 000E44

 EEEFFF

 00032D

 000117

 000000

 3880C5

 3880C5

■ 2476C5

■ 4C8AC5

■ 116DC5

■ 5F93C5

■ 0065C5

■ 739DC5

■ 87A7C5

■ 9BB0C5

■ AEBAC5

■ C2C3C5

■ D6CDC5

■ E9D7C5

Harmonies

Analogous

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



0089BB



3880C5



8073BB

Triad

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



3880C5



BE6159



3B8C58

Complementary

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



3880C5



C57D38

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.



6B853B



3880C5



AD6E3D

Square

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



3880C5



BE5D7D



907B31



008F7C

Rectangle

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



3880C5



9E69AB



907B31



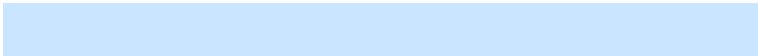
4E8A4D

Sweetspot

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



3880C5



C9E5FF



38C57C



607080



000000



808080

Same Dimension

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



3880C5



2494FF



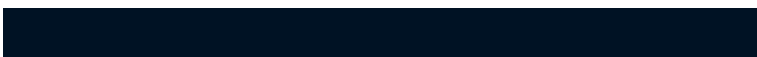
383AC5



5A5F63



0053A3



001224

Inverse Universe

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



C53880



FF2494



C5C338



635A5F



A30053



240012

Previews

White Background



This preview shows how the Hex color 3880C5 looks on a white background.

Color Contrast Check

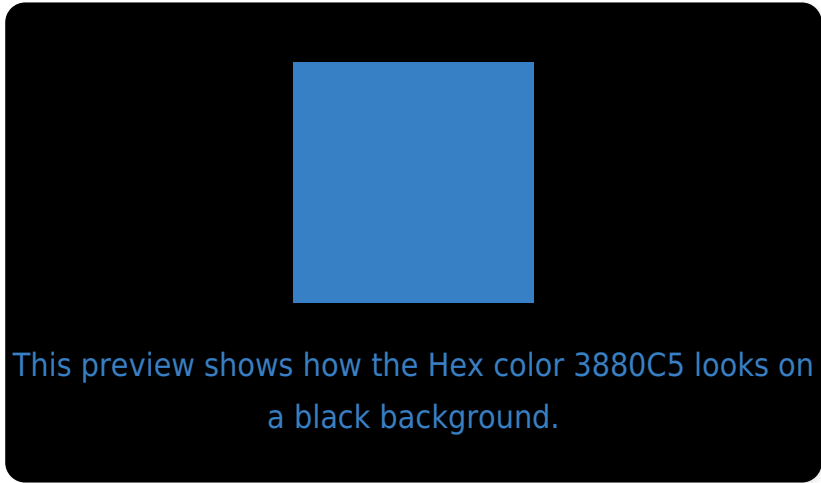
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

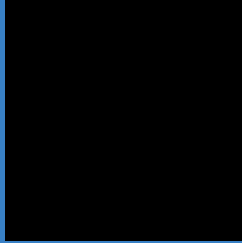
Any Text WCAG AA ✓ Pass

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 3880C5 Background



This preview shows how black text looks on a background with the Hex color 3880C5.

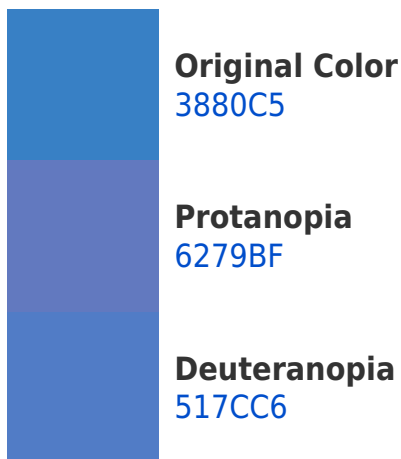


This preview shows how white text looks on a background with the Hex color 3880C5.

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](#).

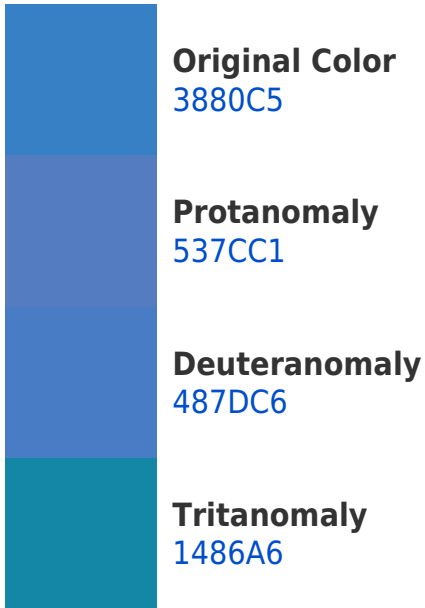
Dichromacy



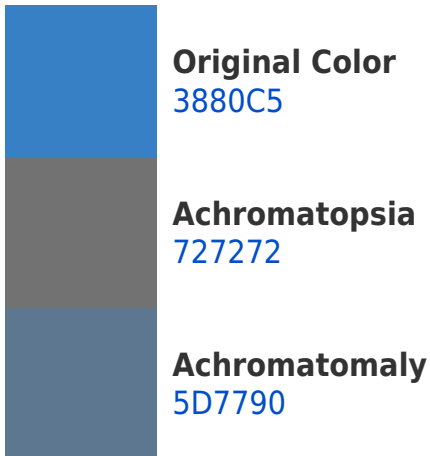


Tritanopia
008A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3880C5 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 #3880C5 looks like.

```
.text, #text, p{  
    color:#3880C5  
}
```

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 #3880C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3880C5
}
```

Border

The CSS property to change the border of an element to Hex 3880C5 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
#3880C5 }
```

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

```
.border{ border-color:#3880C5 }
```

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

Here you see how a box with a 4 pixel #3880C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3880C5; -webkit-box-shadow:4px 4px  
4px 4px #3880C5; box-shadow:4px 4px 4px  
4px #3880C5 }
```

Background

The CSS property to change the background color of an element to Hex 3880C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3880C5 }
```

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

```
.background{ background-color:#3880C5 }
```

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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