

Converting Colors

Hex(3380C0)

Have a look what the booklet for
Hex(3380C0) contains.

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Color

Hex(3380C0)

Conversions

Conversions Part 1

Format	Color
Hex	3380C0
RGB	51, 128, 192
RGB Percent	20%, 50%, 75%
CMY	0.8000, 0.4980, 0.2471
CMYK	0.73, 0.33, 0.00, 0.25
HSL	207°, 58%, 48%
HSV	207°, 73%, 75%
XYZ	18.5988, 19.9479, 52.7392
YIQ	112.2730, -66.4360, 3.5800

Conversions

Conversions Part 2

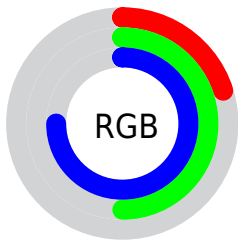
Format	Color
R_{YB}	51, 101, 192
Decimal	3375296
CIE _{Lab}	51.78, -1.87, -40.21
CIE _{LCh}	52, 40.252, 267.342
Yxy	19.9479, 0.2037, 0.2185
Android (android.graphics.Color)	4281565376 (0xFF3380C0)
YUV	112.2730, 39.3054, -53.7364
Hunter-Lab	44.6631, -3.8285, -38.7469

Details

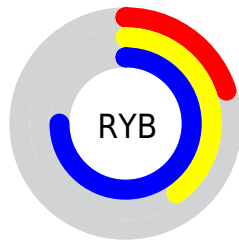
The Hex color **3380C0** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C07333**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **73B5F9**, and **004F8A** is the 20% darker color. If you saturate the color by 10%, you get **2077C0**, and if you desaturate by 10%, it is **4689C0**.

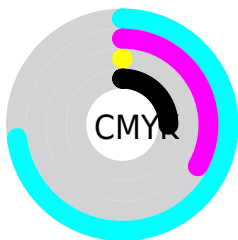
Distribution



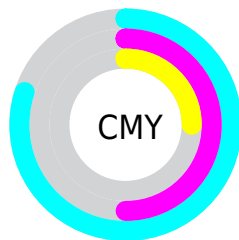
- Red (20%)
- Green (50%)
- Blue (75%)



- Red (20%)
- Yellow (40%)
- Blue (75%)



- Cyan (73%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (80%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3380C0 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 3380C0 by changing the saturation by 10% instead.

■ 3380C0

■ 3380C0

FFFFFF

■ 0067A5

■ 73B5F9

■ 004F8A

■ 91D0FF

■ 003970

■ AEECFE

■ 002457

■ CCFFFF

■ 000E40

■ EAFFFF

■ 000329

■ 000113

■ 000000

■ 3380C0

■ 3380C0

■ 2077C0

■ 4689C0

■ 0D6FC0

■ 5991C0

■ 0069C0

■ 6D9AC0

■ 80A3C0

■ 93ACC0

■ A6B4C0

■ B9BDC0

■ CDC6C0

■ E0CEC0

Harmonies

Analogous

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



0088B5



3380C0



7974B9

Triad

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



3380C0



BB615E



458955

Complementary

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



3380C0



C07333

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.



70833C



3380C0



AD6C42

Square

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



3380C0



B95E80



927834



008D77

Rectangle

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



3380C0



976BAA



927834



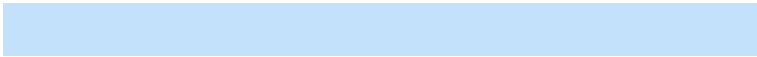
55884B

Sweetspot

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



3380C0



C3E1FA



33C072



5C6E7D



FCFCFC



7D7D7D

Same Dimension

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



3380C0



1E96FA



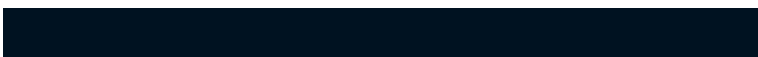
333AC0



575D61



0058A1



001221

Inverse Universe

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



C03380



FA1E96



C0B933



61575D



A10058



210012

Previews

White Background



This preview shows how the Hex color 3380C0 looks on a white background.

Color Contrast Check

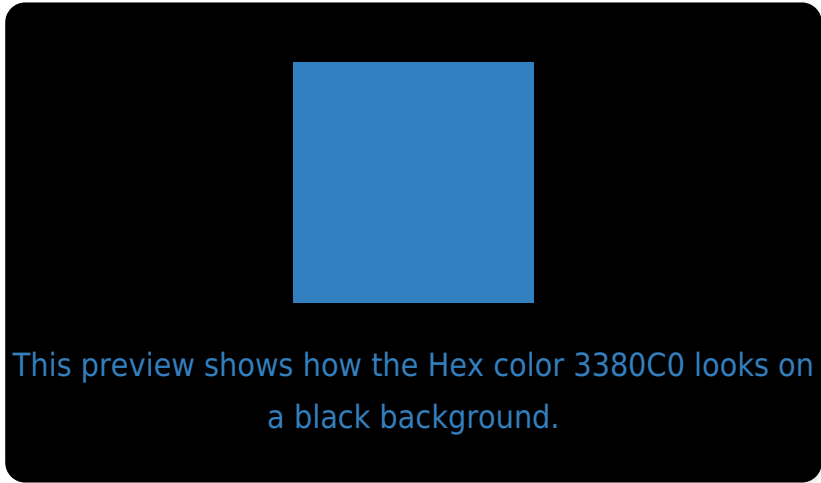
Large Text (above 18pt) WCAG AA ✓ Pass

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

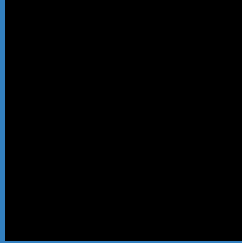
Any Text WCAG AA ✓ Pass

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 3380C0 Background



This preview shows how black text looks on a background with the Hex color 3380C0.

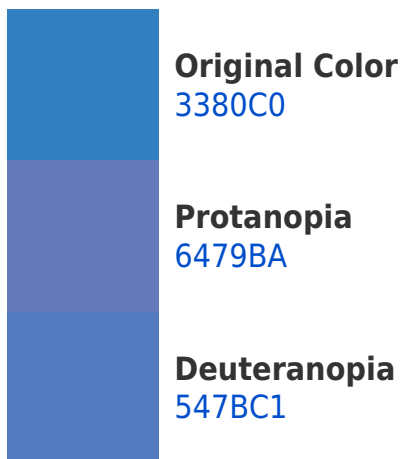


This preview shows how white text looks on a background with the Hex color 3380C0.

Color Blindness Simulation

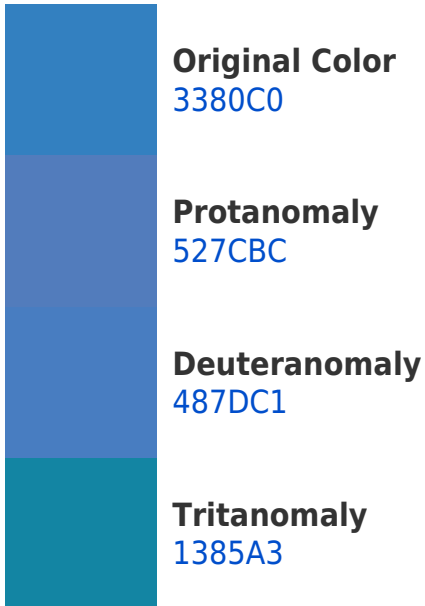
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

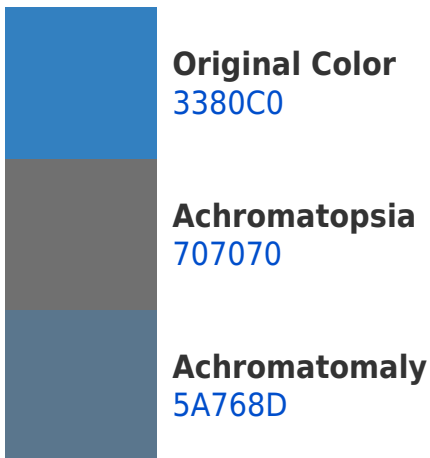




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3380C0 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 #3380C0 looks like.

```
.text, #text, p{  
    color:#3380C0  
}
```

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 #3380C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3380C0
}
```

Border

The CSS property to change the border of an element to Hex 3380C0 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
#3380C0 }
```

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

```
.border{ border-color:#3380C0 }
```

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

Here you see how a box with a 4 pixel #3380C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3380C0; -webkit-box-shadow:4px 4px  
4px 4px #3380C0; box-shadow:4px 4px 4px  
4px #3380C0 }
```

Background

The CSS property to change the background color of an element to Hex 3380C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3380C0 }
```

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

```
.background{ background-color:#3380C0 }
```

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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