

Converting Colors

Hex(3840C7)

Have a look what the booklet for
Hex(3840C7) contains.

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Color

Hex(3840C7)

Conversions

Conversions Part 1

Format	Color
Hex	3840C7
RGB	56, 64, 199
RGB Percent	22%, 25%, 78%
CMY	0.7804, 0.7490, 0.2196
CMYK	0.72, 0.68, 0.00, 0.22
HSL	237°, 56%, 50%
HSV	237°, 72%, 78%
XYZ	13.7731, 8.6311, 54.9729
YIQ	76.9980, -48.1030, 40.2890

Conversions

Conversions Part 2

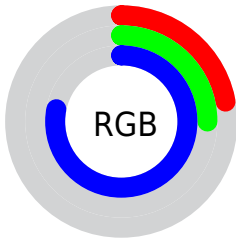
Format	Color
RYB	56, 64, 199
Decimal	3686599
CIELab	35.26, 41.66, -70.87
CIELCh	35, 82.206, 300.448
Yxy	8.6311, 0.1780, 0.1115
Android (android.graphics.Color)	4281876679 (0xFF3840C7)
YUV	76.9980, 60.1470, -18.4152
Hunter-Lab	29.3787, 32.2703, -90.3774

Details

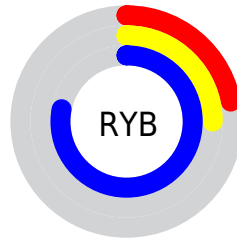
The Hex color **3840C7** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C7BF38**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7A70FF**, and **001490** is the 20% darker color. If you saturate the color by 10%, you get **242DC7**, and if you desaturate by 10%, it is **4C53C7**.

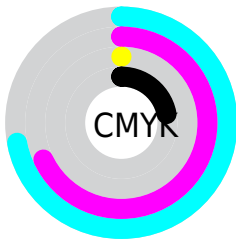
Distribution



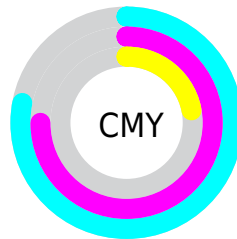
- Red (22%)
- Green (25%)
- Blue (78%)



- Red (22%)
- Yellow (25%)
- Blue (78%)



- Cyan (72%)
- Magenta (68%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (75%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3840C7 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 3840C7 by changing the saturation by 10% instead.

 3840C7

 3840C7

FFFFFF

 002AAB

 7A70FF

 001490

 998AFF

 000275

 B7A5FF

 00005C

 D5C0FF

 000743

 F4DCFF

 00032C

 FFF8FF

 000116

 000000

 3840C7

 3840C7

 242DC7

 4C53C7

 101AC7

 6066C7

 000BC7

 7478C7

 888BC7

 9C9EC7

 AFB1C7

 C3C4C7

 D7D6C7

 EBE9C7

Harmonies

Analogous

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



005DDA



3840C7



9D0095

Triad

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



3840C7



973100



006B52

Complementary

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



3840C7



C7BF38

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.



006800



3840C7



655100

Square

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



3840C7



B70015



186100



006C95

Rectangle

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



3840C7



B7006B



186100



006A3B

Sweetspot

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



3840C7



C7CAFF



38C7BD



5E6080



000000



808080

Same Dimension

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



3840C7



2430FF



7638C7



5A5A63



0009A3



000224

Inverse Universe

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



C73840



FF2430



89C738



635A5A



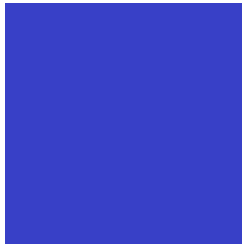
A30009



240002

Previews

White Background



This preview shows how the Hex color 3840C7 looks on a white background.

Color Contrast Check

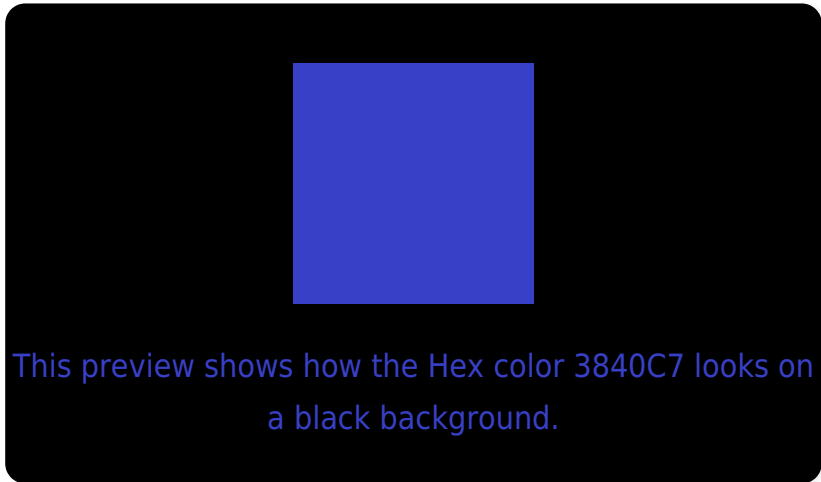
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

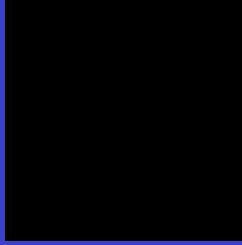
Any Text WCAG AA × Fail

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 3840C7 Background



This preview shows how black text looks on a background with the Hex color 3840C7.

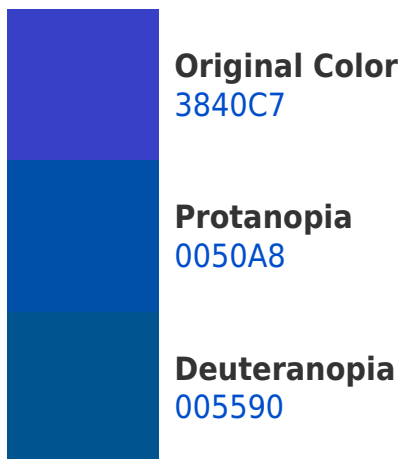


This preview shows how white text looks on a background with the Hex color 3840C7.

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](#).

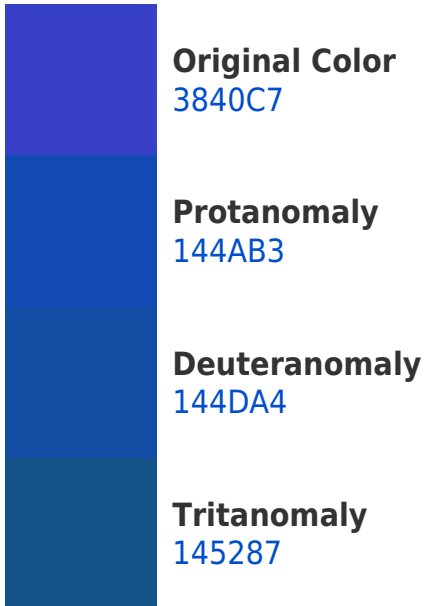
Dichromacy



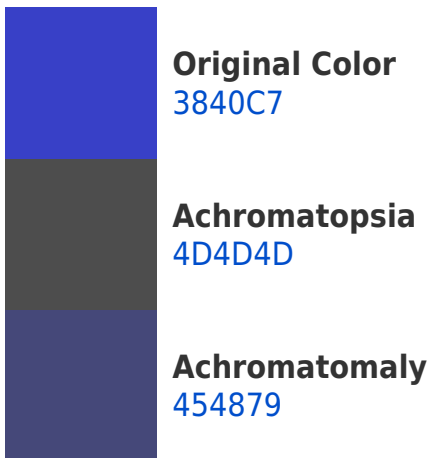


Tritanopia
005C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3840C7 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 #3840C7 looks like.

```
.text, #text, p{  
    color:#3840C7  
}
```

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 #3840C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3840C7
}
```

Border

The CSS property to change the border of an element to Hex 3840C7 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
#3840C7 }
```

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

```
.border{ border-color:#3840C7 }
```

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

Here you see how a box with a 4 pixel #3840C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3840C7; -webkit-box-shadow:4px 4px  
4px 4px #3840C7; box-shadow:4px 4px 4px  
4px #3840C7 }
```

Background

The CSS property to change the background color of an element to Hex 3840C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3840C7 }
```

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

```
.background{ background-color:#3840C7 }
```

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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