

Converting Colors

Hex(3854CE)

Have a look what the booklet for
Hex(3854CE) contains.

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Color

Hex(3854CE)

Conversions

Conversions Part 1

Format	Color
Hex	3854CE
RGB	56, 84, 206
RGB Percent	22%, 33%, 81%
CMY	0.7804, 0.6706, 0.1922
CMYK	0.73, 0.59, 0.00, 0.19
HSL	229°, 60%, 51%
HSV	229°, 73%, 81%
XYZ	15.9418, 11.6376, 59.7986
YIQ	89.5360, -55.8500, 32.0060

Conversions

Conversions Part 2

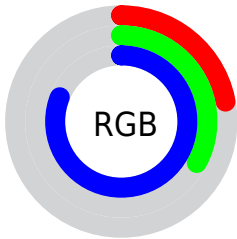
Format	Color
RYB	56, 80, 206
Decimal	3691726
CIELab	40.63, 31.63, -66.14
CIElCh	41, 73.313, 295.558
Yxy	11.6376, 0.1824, 0.1332
Android (android.graphics.Color)	4281881806 (0xFF3854CE)
YUV	89.5360, 57.4168, -29.4111
Hunter-Lab	34.1140, 23.7153, -80.0500

Details

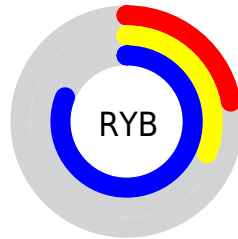
The Hex color **3854CE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CEB238**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A85FF**, and **002897** is the 20% darker color. If you saturate the color by 10%, you get **2343CE**, and if you desaturate by 10%, it is **4D65CE**.

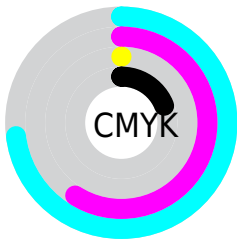
Distribution



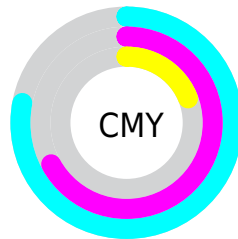
- Red (22%)
- Green (33%)
- Blue (81%)



- Red (22%)
- Yellow (31%)
- Blue (81%)



- Cyan (73%)
- Magenta (59%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3854CE 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 3854CE by changing the saturation by 10% instead.

 3854CE

 3854CE

FFFFFF

 003DB2

 7A85FF

 002897

 999FFF

 00157C

 B7BAFF

 000062

 D5D6FF

 000949

 F4F2FF

 000432

 00011C

 000000

 3854CE

 3854CE

■ 2343CE

■ 4D65CE

■ 0F32CE

■ 6176CE

■ 0026CE

■ 7686CE

■ 8A97CE

■ 9FA8CE

■ B4B9CE

■ C8C9CE

■ DDDACE

■ F1EBCE

Harmonies

Analogous

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



006BDA



3854CE



9C2CA5

Triad

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



3854CE



A83D00



007755

Complementary

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



3854CE



CEB238

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.



00740E



3854CE



7D5B00

Square

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



3854CE



C20031



436B00



007892

Rectangle

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



3854CE



B9007F



436B00



00773F

Sweetspot

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



3854CE



C7D1FF



38CEB0



5E6580



000000



808080

Same Dimension

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



3854CE



214BFF



6538CE



5C5E66



001FA6



000726

Inverse Universe

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



CE3854



FF214B



A1CE38



665C5E



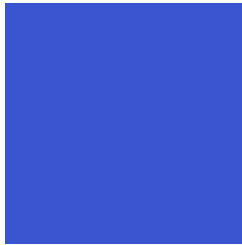
A6001F



260007

Previews

White Background



This preview shows how the Hex color 3854CE looks on a white background.

Color Contrast Check

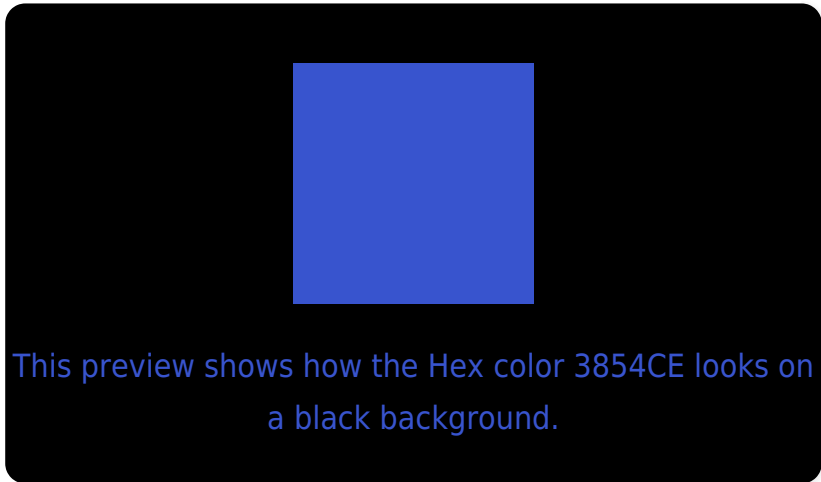
Large Text (above 18pt) WCAG AA ✓ Pass

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

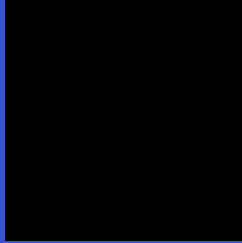
Any Text WCAG AA × Fail

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 3854CE Background



This preview shows how black text looks on a background with the Hex color 3854CE.

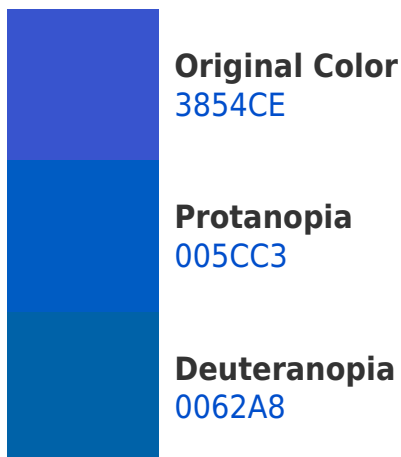


This preview shows how white text looks on a background with the Hex color 3854CE.

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
006A71

Trichromacy



Original Color
3854CE

Protanomaly
1459C7

Deuteranomaly
145DB6

Tritanomaly
146293

Monochromacy



Original Color
3854CE

Achromatopsia
5A5A5A

Achromatomaly
4E5884

CSS Examples

Text

The CSS property to change the color of the text to Hex 3854CE 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 #3854CE looks like.

```
.text, #text, p{  
    color:#3854CE  
}
```

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 #3854CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3854CE
}
```

Border

The CSS property to change the border of an element to Hex 3854CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

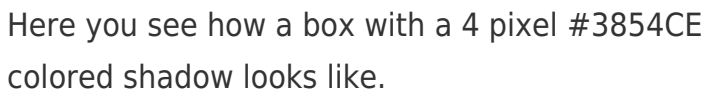
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3854CE }
```

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

```
.border{ border-color:#3854CE }
```

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



Here you see how a box with a 4 pixel #3854CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3854CE; -webkit-box-shadow:4px 4px  
4px 4px #3854CE; box-shadow:4px 4px 4px  
4px #3854CE }
```

Background

The CSS property to change the background color of an element to Hex 3854CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3854CE }
```

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

```
.background{ background-color:#3854CE }
```

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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