

# Converting Colors

Hex(397EC3)

Have a look what the booklet for  
Hex(397EC3) contains.

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# Color

Hex(397EC3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	397EC3
RGB	57, 126, 195
RGB Percent	22%, 49%, 76%
CMY	0.7765, 0.5059, 0.2353
CMYK	0.71, 0.35, 0.00, 0.24
HSL	210°, 55%, 49%
HSV	210°, 71%, 76%
XYZ	18.9985, 19.7317, 54.4370
YIQ	113.2350, -63.2730, 6.8310

# Conversions

## Conversions Part 2

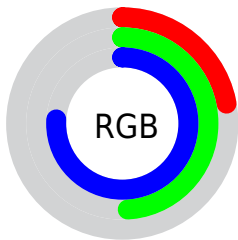
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 103, 195
Decimal	3768003
CIE <sub>Lab</sub>	51.53, 1.26, -42.30
CIE <sub>LCh</sub>	52, 42.319, 271.703
Yxy	19.7317, 0.2039, 0.2118
Android (android.graphics.Color)	4281958083 (0xFF397EC3)
YUV	113.2350, 40.3101, -49.3181
Hunter-Lab	44.4204, -1.3915, -41.5654

# Details

The Hex color **397EC3** 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 **C37E39**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **78B2FC**, and **004E8D** is the 20% darker color. If you saturate the color by 10%, you get **2574C3**, and if you desaturate by 10%, it is **4C88C3**.

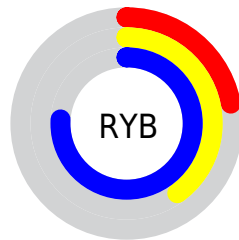
# Distribution



Red (22%)

Green (49%)

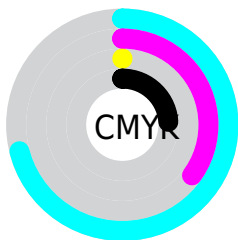
Blue (76%)



Red (22%)

Yellow (40%)

Blue (76%)

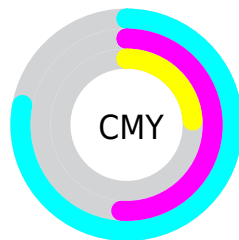


Cyan (71%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (51%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397EC3 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 397EC3 by changing the saturation by 10% instead.



■ 397EC3

■ 397EC3

FFFFFF

■ 0665A8

■ 78B2FC

■ 004E8D

■ 95CEFF

■ 003773

■ B2EAFF

■ 00235A

■ D0FFFF

■ 000B42

■ EEEFFF

■ 00032B

■ 000115

■ 000000

■ 397EC3

■ 397EC3

■ 2574C3

■ 4C88C3

■ 126BC3

■ 6092C3

■ 0062C3

■ 739BC3

■ 87A5C3

■ 9BAFC3

■ AEB8C3

■ C1C2C3

■ D5CCC3

■ E8D6C3

# Harmonies

## Analogous

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



0087BA



397EC3



8070B9

# Triad

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



397EC3



BC6057



388A57

# Complementary

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



397EC3



C37E39

# 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.



69843A



397EC3



AB6C3B

# Square

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



397EC3



BD5B7A



8E7A2F



008D7C

# Rectangle

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



397EC3



9E67A8



8E7A2F



4B884C

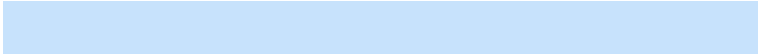


# Sweetspot

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



397EC3



C7E2FC



39C37E



607080



000000



808080



# Same Dimension

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



397EC3



2691FC



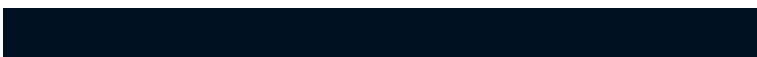
3939C3



575C61



0050A1



001121



# Inverse Universe

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



C3397E



FC2691



C3C339



61575C



A10050



210011



# Previews

## White Background



This preview shows how the Hex color 397EC3 looks on a white background.

## Color Contrast Check

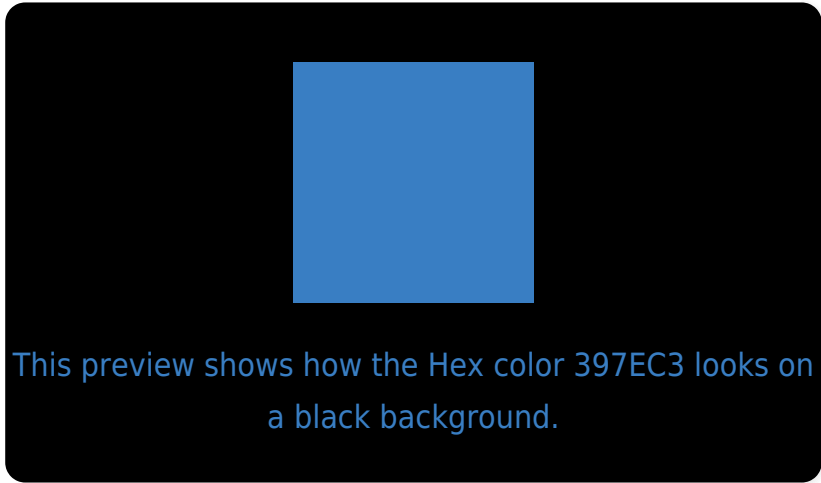
Large Text (above 18pt) WCAG AA ✓ Pass

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 397EC3 Background



This preview shows how black text looks on a background with the Hex color 397EC3.

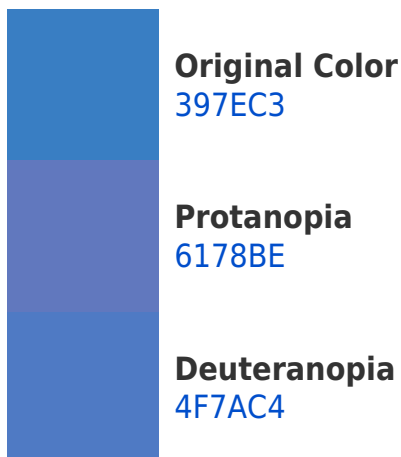


This preview shows how white text looks on a background with the Hex color 397EC3.

# 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](#).

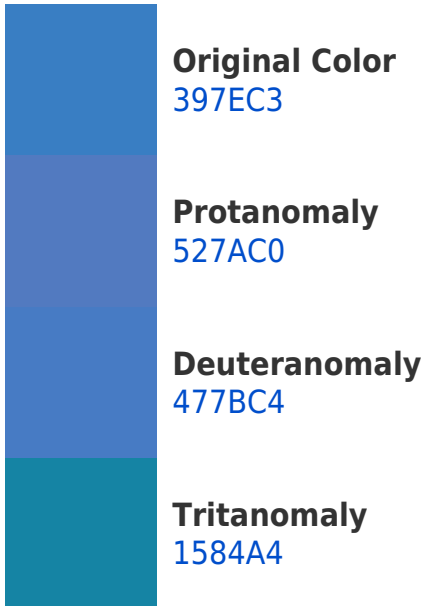
## Dichromacy



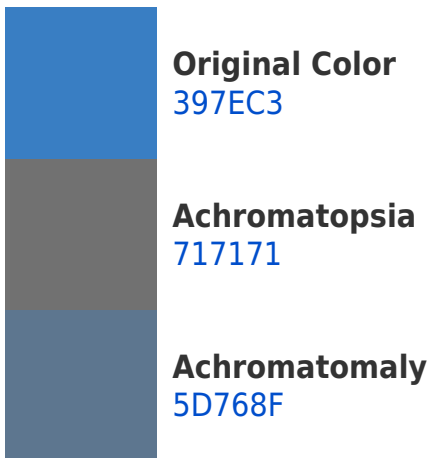


**Tritanopia**  
008893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397EC3 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 #397EC3 looks like.

```
.text, #text, p{  
    color:#397EC3  
}
```

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 #397EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397EC3
}
```

## Border

The CSS property to change the border of an element to Hex 397EC3 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
#397EC3 }
```

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

```
.border{ border-color:#397EC3 }
```

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

Here you see how a box with a 4 pixel #397EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397EC3; -webkit-box-shadow:4px 4px  
4px 4px #397EC3; box-shadow:4px 4px 4px  
4px #397EC3 }
```

# Background

The CSS property to change the background color of an element to Hex 397EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397EC3 }
```

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

```
.background{ background-color:#397EC3 }
```

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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