

# Converting Colors

Hex(397FC8)

Have a look what the booklet for  
Hex(397FC8) contains.

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# Color

**Hex(397FC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	397FC8
RGB	57, 127, 200
RGB Percent	22%, 50%, 78%
CMY	0.7765, 0.5020, 0.2157
CMYK	0.71, 0.36, 0.00, 0.22
HSL	211°, 57%, 50%
HSV	211°, 72%, 78%
XYZ	19.7020, 20.2187, 57.5078
YIQ	114.3920, -65.1530, 7.8630

# Conversions

## Conversions Part 2

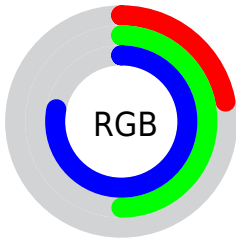
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 104, 200
Decimal	3768264
CIE Lab	52.08, 2.45, -44.28
CIE LCh	52, 44.348, 273.163
Yxy	20.2187, 0.2022, 0.2075
Android (android.graphics.Color)	4281958344 (0xFF397FC8)
YUV	114.3920, 42.2047, -50.3328
Hunter-Lab	44.9652, -0.4773, -44.3526

# Details

The Hex color **397FC8** 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 **C88239**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **79B3FF**, and **004F92** is the 20% darker color. If you saturate the color by 10%, you get **2575C8**, and if you desaturate by 10%, it is **4D89C8**.

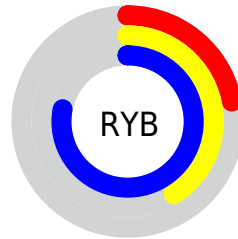
# Distribution



Red (22%)

Green (50%)

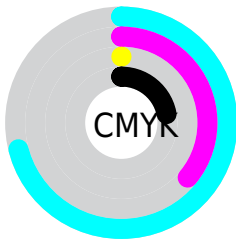
Blue (78%)



Red (22%)

Yellow (41%)

Blue (78%)

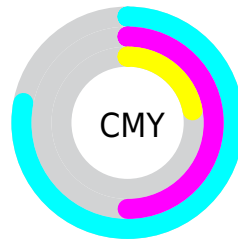


Cyan (71%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (78%)

Magenta (50%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397FC8 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 397FC8 by changing the saturation by 10% instead.



■ 397FC8

■ 397FC8

FFFFFF

■ 0266AC

■ 79B3FF

■ 004F92

■ 96CFFF

■ 003877

■ B4EBFF

■ 00245E

■ D2FFFF

■ 000D46

■ F0FFFF

■ 00042F

■ 000119

■ 000000

■ 397FC8

■ 397FC8

■ 2575C8

■ 4D89C8

■ 116BC8

■ 6193C8

■ 0062C8

■ 759EC8

■ 89A8C8

■ 9DB2C8

■ B1BCC8

■ C5C6C8

■ D9D1C8

■ EDDBC8

# Harmonies

## Analogous

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



0089BF



397FC8



8471BC

# Triad

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



397FC8



C06055



308C58

# Complementary

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



397FC8



C88239

# 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.



678639



397FC8



AD6E38

# Square

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



397FC8



C15B7A



8E7C2C



008F7F

# Rectangle

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



397FC8



A366AA



8E7C2C



468B4D

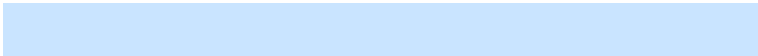


# Sweetspot

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



397FC8



C9E4FF



39C881



606F80



000000



808080



# Same Dimension

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



397FC8



248FFF



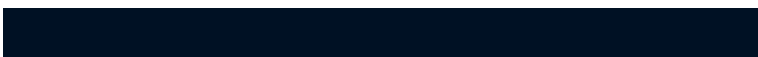
3939C8



5A5E63



0050A3



001124



# Inverse Universe

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



C8397F



FF248F



C8C839



635A5E



A30050



240011



# Previews

## White Background



This preview shows how the Hex color 397FC8 looks on a white background.

## Color Contrast Check

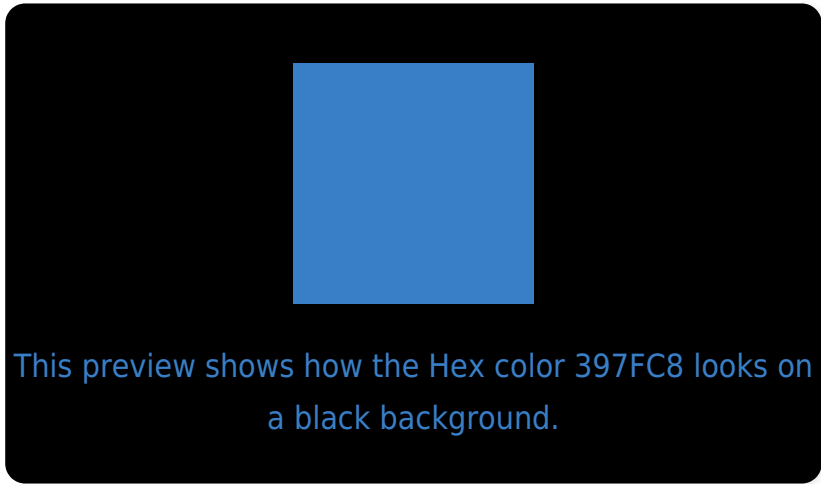
Large Text (above 18pt) WCAG AA ✓ Pass

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

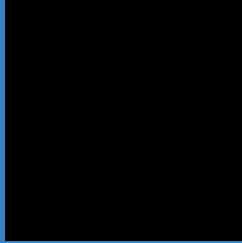
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 397FC8 Background



This preview shows how black text looks on a background with the Hex color 397FC8.

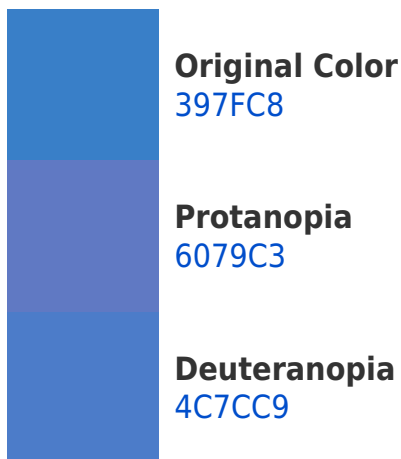


This preview shows how white text looks on a background with the Hex color 397FC8.

# 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](#).

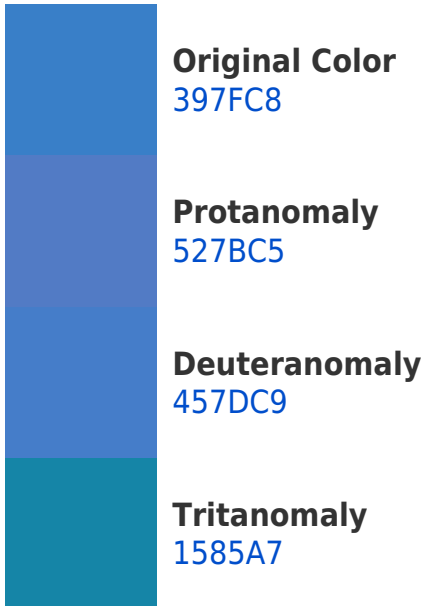
## Dichromacy



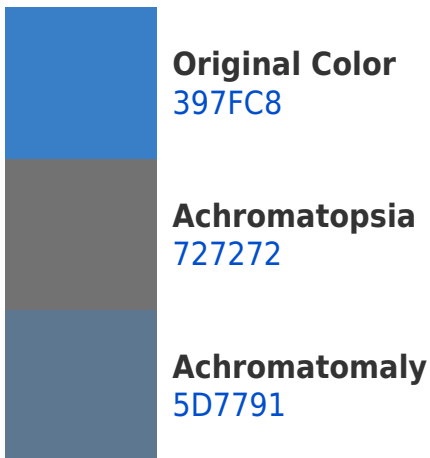


**Tritanopia**  
008994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397FC8 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 #397FC8 looks like.

```
.text, #text, p{  
    color:#397FC8  
}
```

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 #397FC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397FC8  
}
```

## Border

The CSS property to change the border of an element to Hex 397FC8 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  
#397FC8 }
```

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

```
.border{ border-color:#397FC8 }
```

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

Here you see how a box with a 4 pixel #397FC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397FC8; -webkit-box-shadow:4px 4px  
4px 4px #397FC8; box-shadow:4px 4px 4px  
4px #397FC8 }
```

# Background

The CSS property to change the background color of an element to Hex 397FC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397FC8 }
```

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

```
.background{ background-color:#397FC8 }
```

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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