

# Converting Colors

Hex(398CDF)

Have a look what the booklet for  
Hex(398CDF) contains.

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# Color

Hex(398CDF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	398CDF
RGB	57, 140, 223
RGB Percent	22%, 55%, 87%
CMY	0.7765, 0.4510, 0.1255
CMYK	0.74, 0.37, 0.00, 0.13
HSL	210°, 72%, 55%
HSV	210°, 74%, 87%
XYZ	24.3847, 24.9537, 73.3434
YIQ	124.6450, -76.1110, 8.2170

# Conversions

## Conversions Part 2

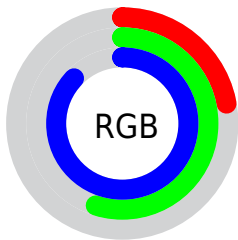
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 112, 223
Decimal	3771615
CIE Lab	57.03, 2.92, -49.41
CIE LCh	57, 49.492, 273.386
Yxy	24.9537, 0.1988, 0.2034
Android (android.graphics.Color)	4281961695 (0xFF398CDF)
YUV	124.6450, 48.4890, -59.3247
Hunter-Lab	49.9537, -0.2849, -52.0836

# Details

The Hex color **398CDF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **DF8C39**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7DC1FF**, and **005BA7** is the 20% darker color. If you saturate the color by 10%, you get **2381DF**, and if you desaturate by 10%, it is **4F97DF**.

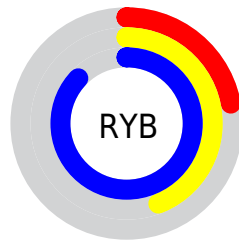
# Distribution



Red (22%)

Green (55%)

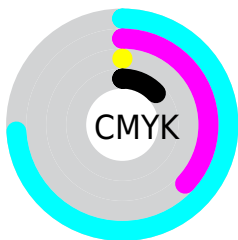
Blue (87%)



Red (22%)

Yellow (44%)

Blue (87%)

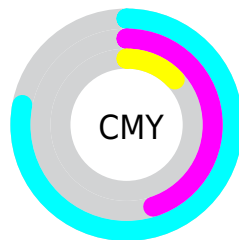


Cyan (74%)

Magenta (37%)

Yellow (0%)

Black (13%)



Cyan (78%)

Magenta (45%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 398CDF 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 398CDF by changing the saturation by 10% instead.



 398CDF

 398CDF

FFFFFF

 0073C3

 7DC1FF

 005BA7

 9BDDFF

 00448C

 BAF9FF

 002E72

 D8FFFF

 001B59

 F7FFFF

 000741

 00032A

 000114

 000000

■ 398CDF

■ 398CDF

■ 2381DF

■ 4F97DF

■ 0C76DF

■ 66A2DF

■ 0070DF

■ 7CADDF

■ 92B9DF

■ A9C4DF

■ BFCDFD

■ D5DADF

■ EBE5DF

■ FFF0DF

# Harmonies

## Analogous

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



0097D5



398CDF



917BD1

# Triad

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



398CDF



D5695C



2F9B60

# Complementary

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



398CDF



DF8C39

# 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.



70943D



398CDF



BF783B

# Square

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



398CDF



D76286



9C882D



009E8D

# Rectangle

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



398CDF



B570BD



9C882D



4A9953

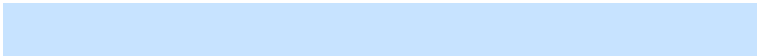


# Sweetspot

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



398CDF



C7E3FF



39DF8C



5E6F80



000000



808080



# Same Dimension

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



398CDF



1C8EFF



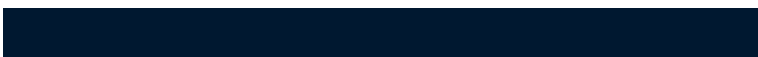
3939DF



656B70



0058B0



001830



# Inverse Universe

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



DF398C



FF1C8E



DFDF39



70656B



B00058

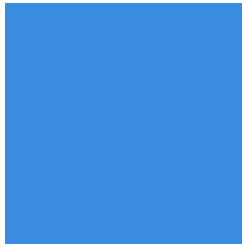


300018



# Previews

## White Background



This preview shows how the Hex color 398CDF looks on a white background.

## Color Contrast Check

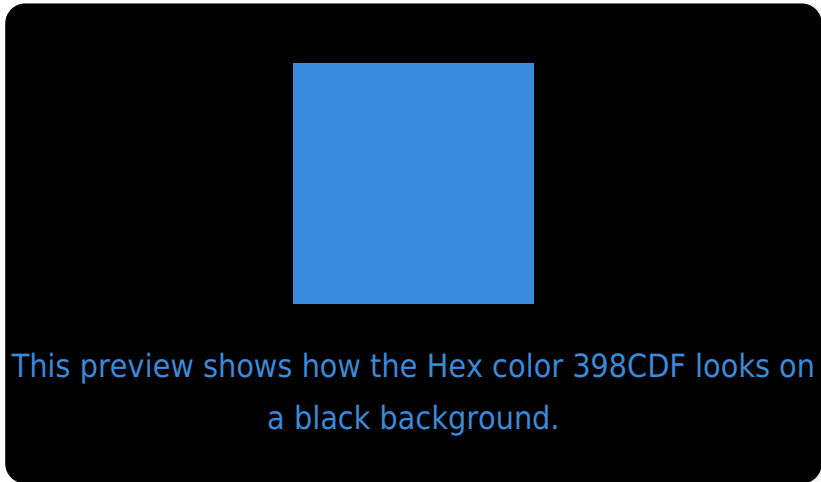
Large Text (above 18pt) WCAG AA ✓ Pass

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

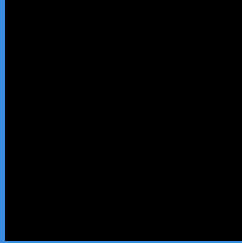
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

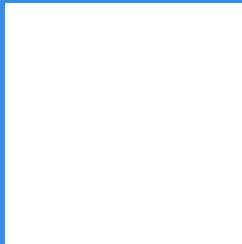
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 398CDF Background



This preview shows how black text looks on a background with the Hex color 398CDF.



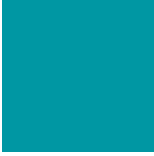
This preview shows how white text looks on a background with the Hex color 398CDF.

# 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](#).

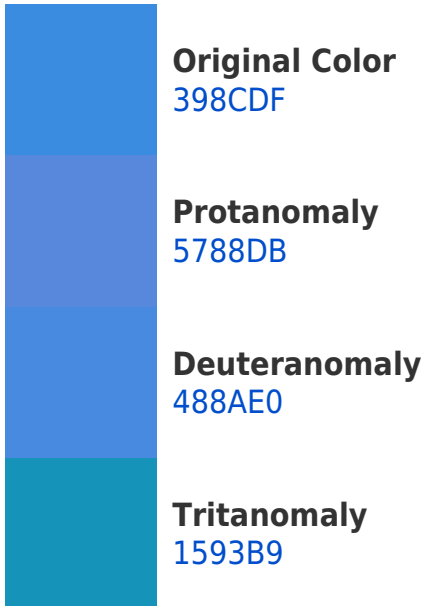
## Dichromacy



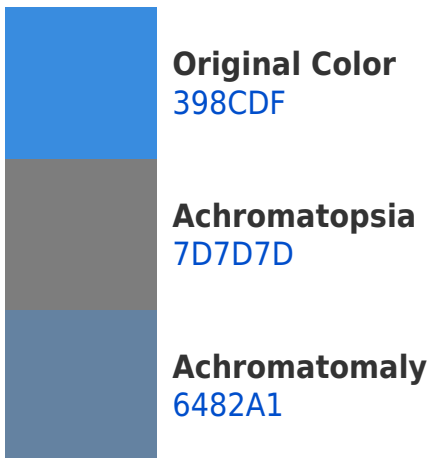


**Tritanopia**  
0097A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 398CDF 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 #398CDF looks like.

```
.text, #text, p{  
    color:#398CDF  
}
```

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 #398CDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398CDF
}
```

## Border

The CSS property to change the border of an element to Hex 398CDF 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
#398CDF }
```

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

```
.border{ border-color:#398CDF }
```

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

Here you see how a box with a 4 pixel #398CDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398CDF; -webkit-box-shadow:4px 4px  
4px 4px #398CDF; box-shadow:4px 4px 4px  
4px #398CDF }
```

# Background

The CSS property to change the background color of an element to Hex 398CDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398CDF }
```

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

```
.background{ background-color:#398CDF }
```

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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