

# Converting Colors

Hex(398EDF)

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

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# Color

**Hex(398EDF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	398EDF
RGB	57, 142, 223
RGB Percent	22%, 56%, 87%
CMY	0.7765, 0.4431, 0.1255
CMYK	0.74, 0.36, 0.00, 0.13
HSL	209°, 72%, 55%
HSV	209°, 74%, 87%
XYZ	24.6796, 25.5436, 73.4417
YIQ	125.8190, -76.6610, 7.1710

# Conversions

## Conversions Part 2

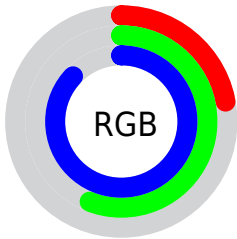
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 113, 223
Decimal	3772127
CIE <sub>Lab</sub>	57.60, 1.74, -48.50
CIE <sub>LCh</sub>	58, 48.530, 272.052
Yxy	25.5436, 0.1996, 0.2066
Android (android.graphics.Color)	4281962207 (0xFF398EDF)
YUV	125.8190, 47.9102, -60.3543
Hunter-Lab	50.5406, -1.2824, -50.7771

# Details

The Hex color **398EDF** 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 **DF8A39**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7DC3FF**, and **005CA7** is the 20% darker color. If you saturate the color by 10%, you get **2383DF**, and if you desaturate by 10%, it is **4F99DF**.

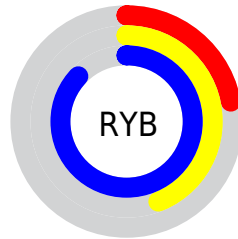
# Distribution



Red (22%)

Green (56%)

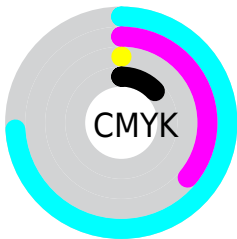
Blue (87%)



Red (22%)

Yellow (44%)

Blue (87%)

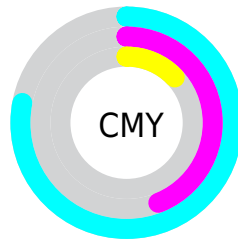


Cyan (74%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (78%)

Magenta (44%)

Yellow (13%)

# Brightness & Saturation Gradients

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



■ 398EDF

■ 398EDF

FFFFFF

■ 0075C3

■ 7DC3FF

■ 005CA7

■ 9BDFFF

■ 00458C

■ BAFcff

■ 003072

■ D8FFFF

■ 001C59

■ F7FFFF

■ 000741

■ 00032A

■ 000115

■ 000000

■ 398EDF

■ 398EDF

■ 2383DF

■ 4F99DF

■ 0C78DF

■ 66A4DF

■ 0072DF

■ 7CAFDf

■ 92BADf

■ A9C4DF

■ BFCFDf

■ D5DADF

■ EBE5DF

■ FFF0DF

# Harmonies

## Analogous

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



0099D5



398EDF



907ED2

# Triad

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



398EDF



D66B60



389C61

# Complementary

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



398EDF



DF8A39

# 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.



74953F



398EDF



C17A3F

# Square

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



398EDF



D76589



9F8931



009F8C

# Rectangle

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



398EDF



B373BF



9F8931



509A54

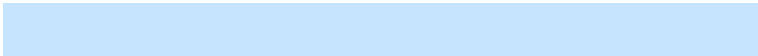


# Sweetspot

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



398EDF



C7E4FF



39DF89



5E6F80



000000



808080



# Same Dimension

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



398EDF



1C90FF



393CDF



656B70



005AB0



001930



# Inverse Universe

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



DF398E



FF1C90



DFDC39



70656B



B0005A

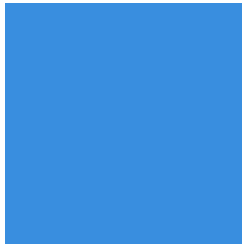


300019



# Previews

## White Background



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

## Color Contrast Check

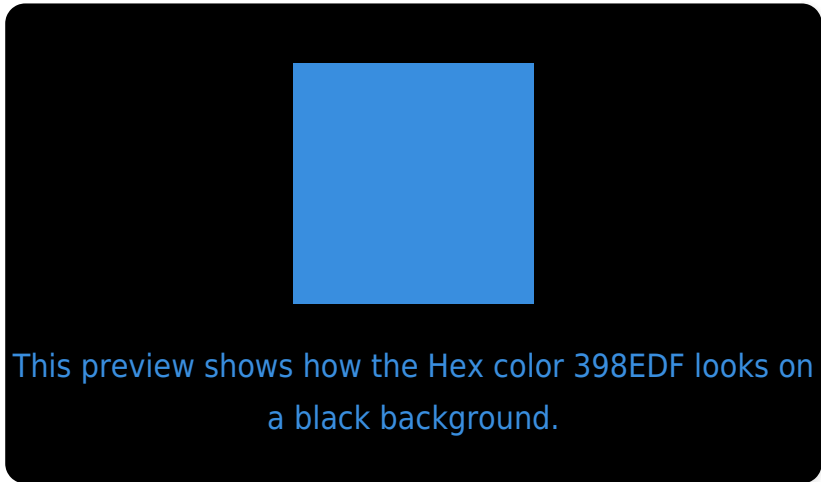
Large Text (above 18pt) WCAG AA ✓ Pass

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

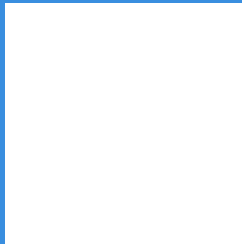
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 398EDF Background



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



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

# 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](#).

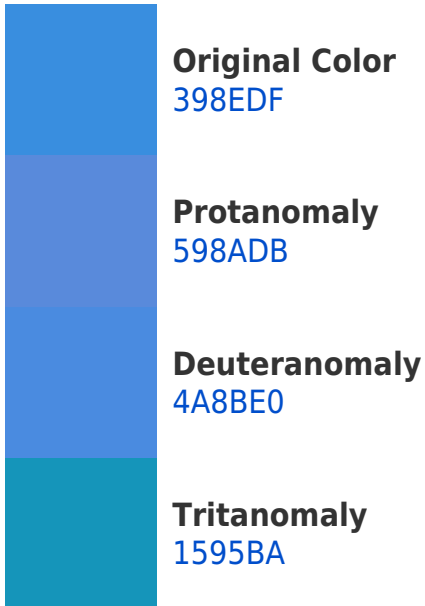
## Dichromacy





**Tritanopia**  
0099A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #398EDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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