

# Converting Colors

Hex(399BBF)

Have a look what the booklet for  
Hex(399BBF) contains.

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# Color

**Hex(399BBF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	399BBF
RGB	57, 155, 191
RGB Percent	22%, 61%, 75%
CMY	0.7765, 0.3922, 0.2510
CMYK	0.70, 0.19, 0.00, 0.25
HSL	196°, 54%, 49%
HSV	196°, 70%, 75%
XYZ	22.8127, 28.0741, 53.5067
YIQ	129.8020, -69.9640, -9.5800

# Conversions

## Conversions Part 2

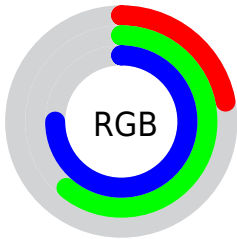
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 114, 191
Decimal	3775423
CIE <sub>Lab</sub>	59.96, -16.67, -26.87
CIE <sub>LCh</sub>	60, 31.617, 238.190
Yxy	28.0741, 0.2185, 0.2689
Android (android.graphics.Color)	4281965503 (0xFF399BBF)
YUV	129.8020, 30.1706, -63.8474
Hunter-Lab	52.9850, -15.8708, -22.7842

# Details

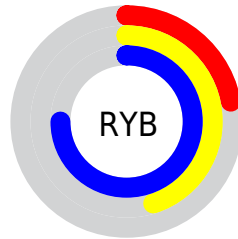
The Hex color **399BBF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF5D39**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **78D2F7**, and **006889** is the 20% darker color. If you saturate the color by 10%, you get **2696BF**, and if you desaturate by 10%, it is **4CA0BF**.

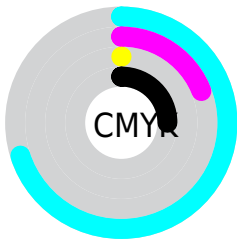
# Distribution



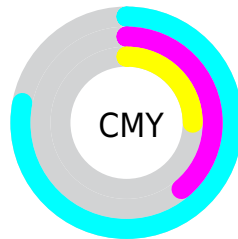
- Red (22%)
- Green (61%)
- Blue (75%)



- Red (22%)
- Yellow (45%)
- Blue (75%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (39%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 399BBF 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 399BBF by changing the saturation by 10% instead.



 399BBF

 399BBF

FFFFFF

 0481A4

 78D2F7

 006889

 96EEFF

 005070

 B3FFFF

 003957

 D1FFFF

 002340

 EFFFFFFF

 00032A

 000114

 000000

 399BBF

 399BBF

■ 2696BF

■ 4CA0BF

■ 1391BF

■ 5FA5BF

■ 008CBF

■ 72AABF

■ 85B0BF

■ 99B5BF

■ ACBABF

■ BFBFBF

■ D2C4BF

■ E5C9BF

# Harmonies

## Analogous

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



279FAA



399BBF



6694C8

# Triad

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



399BBF



C47B93



88975F

# Complementary

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



399BBF



BF5D39

# 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.



A58E59



399BBF



C67D78

# Square

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



399BBF



B280AE



BB8562



679D72

# Rectangle

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



399BBF



848DC5



BB8562



92945B

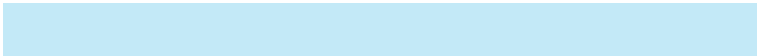


# Sweetspot

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



399BBF



C3E9F7



39BF5D



5E757D



FCFCFC



7D7D7D



# Same Dimension

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



399BBF



28C0F7



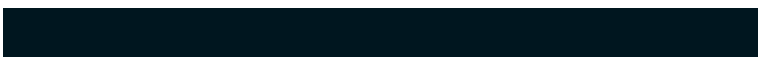
3958BF



555C5E



00749E



00161F



# Inverse Universe

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



BF399B



F728C0



BFA039



5E555C



9E0074



1F0016



# Previews

## White Background



This preview shows how the Hex color 399BBF looks on a white background.

## Color Contrast Check

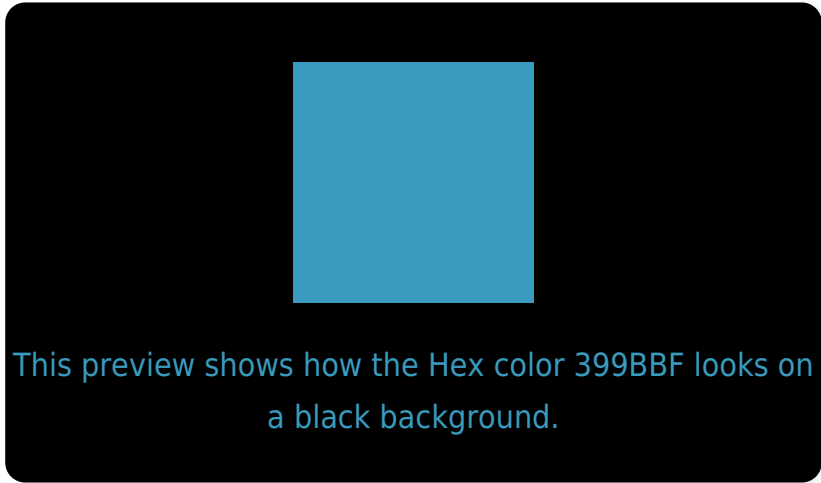
Large Text (above 18pt) WCAG AA ✓ Pass

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

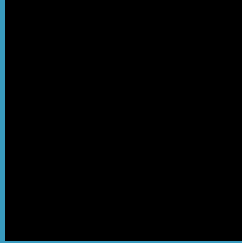
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 399BBF Background



This preview shows how black text looks on a background with the Hex color 399BBF.

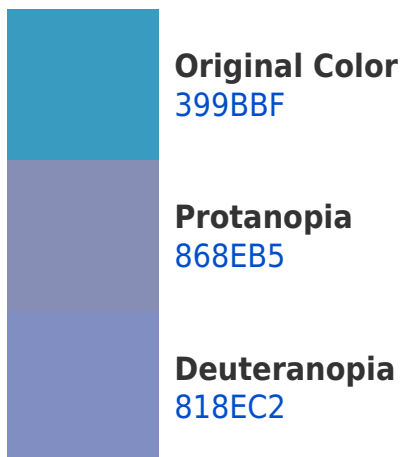


This preview shows how white text looks on a background with the Hex color 399BBF.

# 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](#).

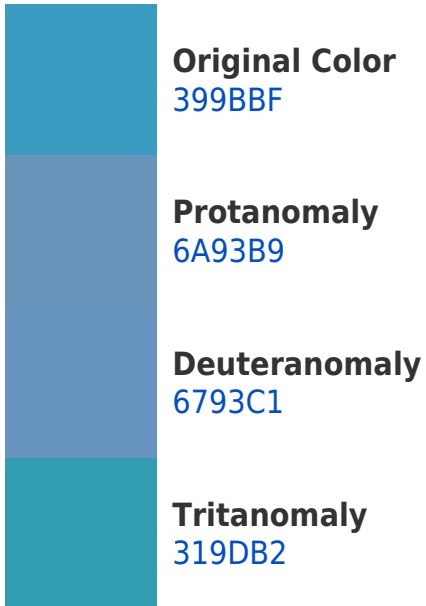
## Dichromacy





**Tritanopia**  
2C9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 399BBF 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 #399BBF looks like.

```
.text, #text, p{  
    color:#399BBF  
}
```

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 #399BBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399BBF
}
```

## Border

The CSS property to change the border of an element to Hex 399BBF 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
#399BBF }
```

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

```
.border{ border-color:#399BBF }
```

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

Here you see how a box with a 4 pixel #399BBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399BBF; -webkit-box-shadow:4px 4px  
4px 4px #399BBF; box-shadow:4px 4px 4px  
4px #399BBF }
```

# Background

The CSS property to change the background color of an element to Hex 399BBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399BBF }
```

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

```
.background{ background-color:#399BBF }
```

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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