

Converting Colors

Hex(399CCE)

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

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Color

Hex(399CCE)

Conversions

Conversions Part 1

Format	Color
Hex	399CCE
RGB	57, 156, 206
RGB Percent	22%, 61%, 81%
CMY	0.7765, 0.3882, 0.1922
CMYK	0.72, 0.24, 0.00, 0.19
HSL	200°, 60%, 52%
HSV	200°, 72%, 81%
XYZ	24.7164, 29.1030, 62.7073
YIQ	132.0990, -75.0540, -5.4380

Conversions

Conversions Part 2

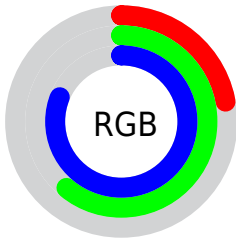
Format	Color
R _Y B	57, 116, 206
Decimal	3775694
CIE Lab	60.87, -12.20, -33.86
CIE LCh	61, 35.992, 250.180
Yxy	29.1030, 0.2121, 0.2498
Android (android.graphics.Color)	4281965774 (0xFF399CCE)
YUV	132.0990, 36.4332, -65.8618
Hunter-Lab	53.9472, -12.6263, -31.1546

Details

The Hex color **399CCE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CE6B39**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7AD2FF**, and **006997** is the 20% darker color. If you saturate the color by 10%, you get **2495CE**, and if you desaturate by 10%, it is **4EA3CE**.

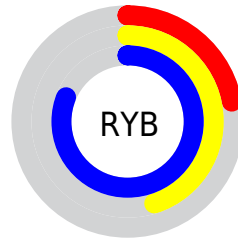
Distribution



Red (22%)

Green (61%)

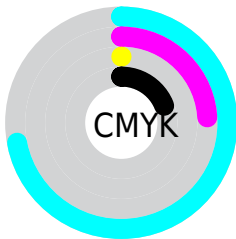
Blue (81%)



Red (22%)

Yellow (45%)

Blue (81%)

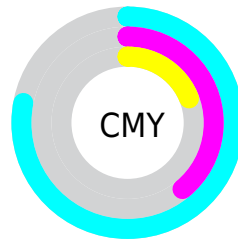


Cyan (72%)

Magenta (24%)

Yellow (0%)

Black (19%)



Cyan (78%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

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

 399CCE

 399CCE

FFFFFF

 0082B2

 7AD2FF

 006997

 98EFFF

 00517D

 B6FFFF

 003A64

 D4FFFF


 00244C

 F3FFFF

 000B35

 00021F

 000002

 000000

■ 399CCE

■ 399CCE

■ 2495CE

■ 4EA3CE

■ 108ECE

■ 62AACE

■ 0089CE

■ 77B1CE

■ 8BB8CE

■ A0BFCE

■ B5C5CE

■ C9CCCE

■ DED3CE

■ F2DACE

Harmonies

Analogous

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



00A2BB



399CCE



7692D1

Triad

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



399CCE



D07A89



7A9D61

Complementary

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



399CCE



CE6B39

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.



9D9453



399CCE



CC7F6B

Square

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



399CCE



C37DA9



B98A57



51A27C

Rectangle

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



399CCE



968BCA



B98A57



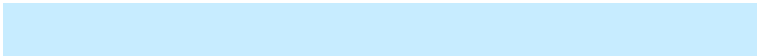
869A5B

Sweetspot

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



399CCE



C7ECFF



39CE6B



5E7480



000000



808080

Same Dimension

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



399CCE



21B5FF



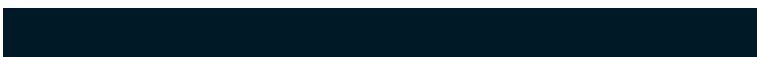
3952CE



5C6366



006EA6



001926

Inverse Universe

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



CE399C



FF21B5



CEB539



665C63



A6006E



260019

Previews

White Background



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

Color Contrast Check

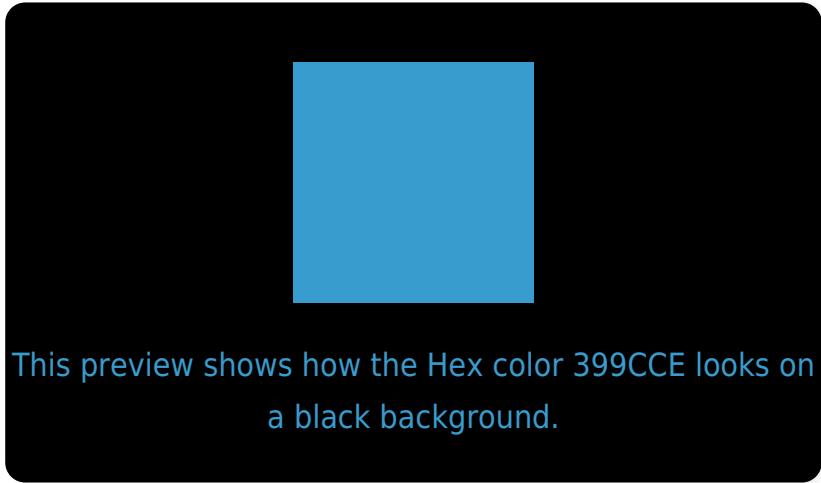
Large Text (above 18pt) WCAG AA ✓ Pass

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

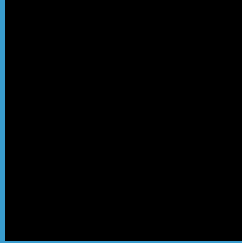
Any Text WCAG AA ✓ Pass

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 399CCE Background



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

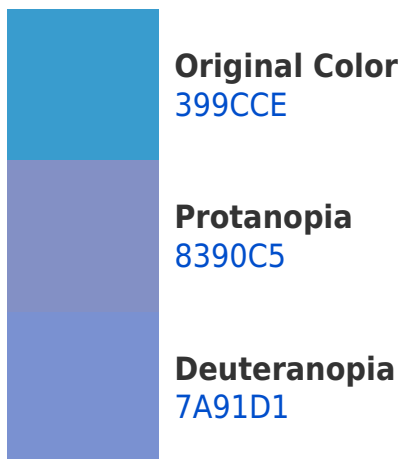


This preview shows how white text looks on a background with the Hex color 399CCE.

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](#).

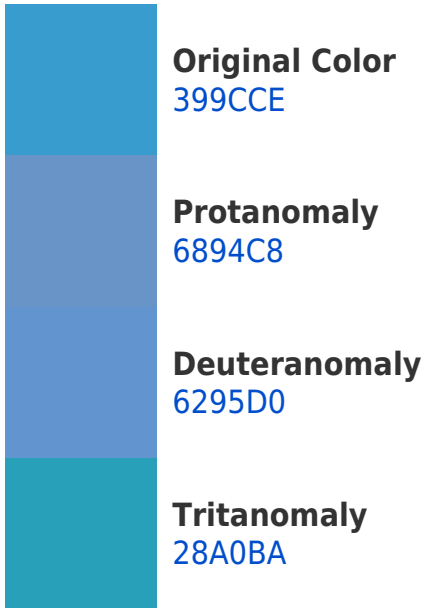
Dichromacy



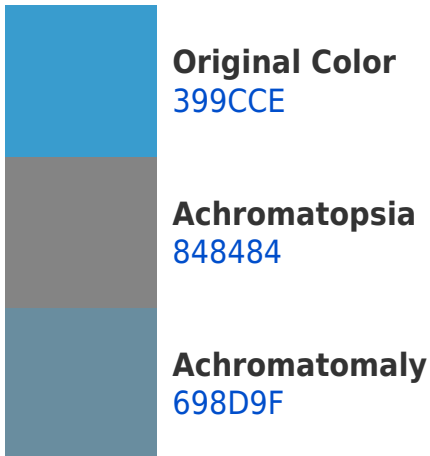


Tritanopia
1FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #399CCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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