

Converting Colors

Hex(399ED6)

Have a look what the booklet for
Hex(399ED6) contains.

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Color

Hex(399ED6)

Conversions

Conversions Part 1

Format	Color
Hex	399ED6
RGB	57, 158, 214
RGB Percent	22%, 62%, 84%
CMY	0.7765, 0.3804, 0.1608
CMYK	0.73, 0.26, 0.00, 0.16
HSL	201°, 66%, 53%
HSV	201°, 73%, 84%
XYZ	26.0518, 30.1786, 68.0703
YIQ	134.1850, -78.1720, -3.9960

Conversions

Conversions Part 2

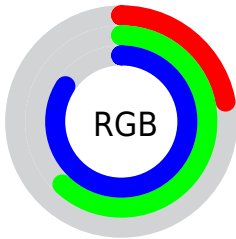
Format	Color
RYB	57, 118, 214
Decimal	3776214
CIELab	61.81, -10.59, -36.86
CIELCh	62, 38.352, 253.972
Yxy	30.1786, 0.2096, 0.2428
Android (android.graphics.Color)	4281966294 (0xFF399ED6)
YUV	134.1850, 39.3488, -67.6912
Hunter-Lab	54.9351, -11.4865, -35.0120

Details

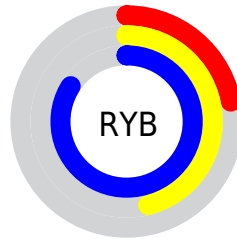
The Hex color **399ED6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D67139**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7CD5FF**, and **006B9F** is the 20% darker color. If you saturate the color by 10%, you get **2496D6**, and if you desaturate by 10%, it is **4EA6D6**.

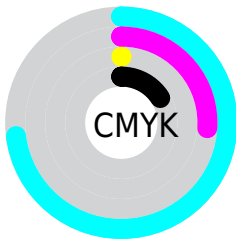
Distribution



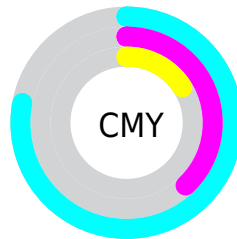
- Red (22%)
- Green (62%)
- Blue (84%)



- Red (22%)
- Yellow (46%)
- Blue (84%)



- Cyan (73%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 399ED6 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 399ED6 by changing the saturation by 10% instead.

399ED6

399ED6

FFFFFF

0084BA

7CD5FF

006B9F

9AF1FF

005385

B8FFFF

003C6B

D6FFFF

002653

F5FFFF

00113B

000225

00010D

000000

■ 399ED6

■ 399ED6

■ 2496D6

■ 4EA6D6

■ 0E8FD6

■ 64ADD6

■ 008AD6

■ 79B5D6

■ 8FBDD6

■ A4C4D6

■ B9CCD6

■ CFD3D6

■ E4DBD6

■ FAE3D6

Harmonies

Analogous

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



00A5C3



399ED6



7C93D7

Triad

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



399ED6



D77A87



75A163

Complementary

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



399ED6



D67139

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.



9B9852



399ED6



D08168

Square

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



399ED6



CC7CA9



BB8D54



47A681

Rectangle

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



399ED6



9F8BCE



BB8D54



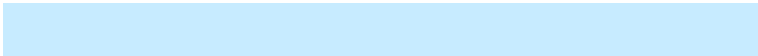
839E5B

Sweetspot

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



399ED6



C7EBFF



39D670



5E7480



000000



808080

Same Dimension

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



399ED6



1FAFFF



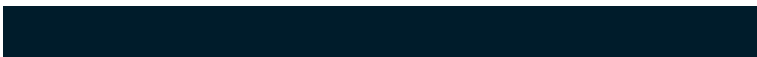
3951D6



60676B



006EAB



001C2B

Inverse Universe

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



D6399E



FF1FAF



D6BE39



6B6067



AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 399ED6 looks on a white background.

Color Contrast Check

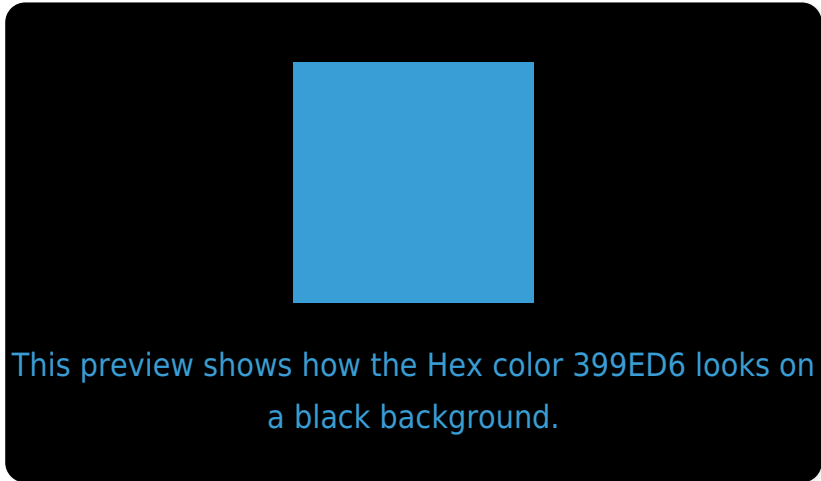
Large Text (above 18pt) WCAG AA × Fail

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

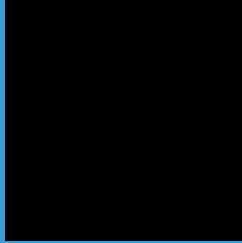
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

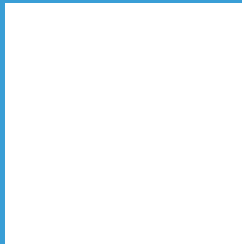
Any Text WCAG AAA ✓ Pass

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

Hex 399ED6 Background



This preview shows how black text looks on a background with the Hex color 399ED6.

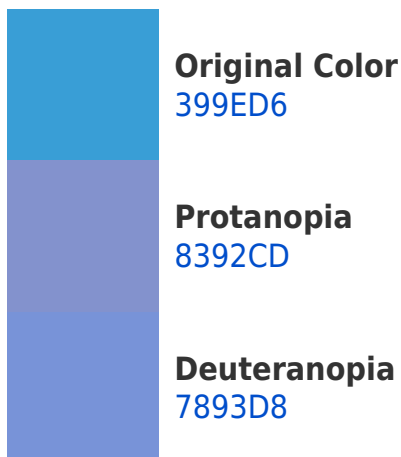


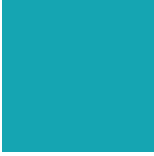
This preview shows how white text looks on a background with the Hex color 399ED6.

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](#).

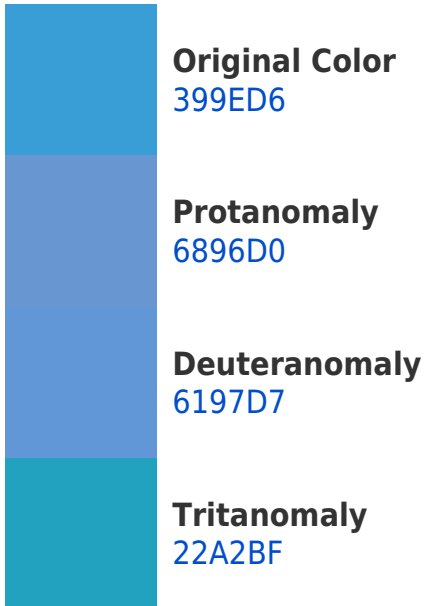
Dichromacy



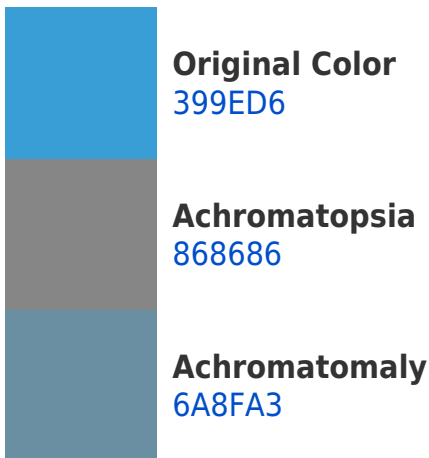


Tritanopia
15A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 399ED6 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 #399ED6 looks like.

```
.text, #text, p{  
    color:#399ED6  
}
```

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 #399ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399ED6
}
```

Border

The CSS property to change the border of an element to Hex 399ED6 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
#399ED6 }
```

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

```
.border{ border-color:#399ED6 }
```

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

Here you see how a box with a 4 pixel #399ED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399ED6; -webkit-box-shadow:4px 4px  
4px 4px #399ED6; box-shadow:4px 4px 4px  
4px #399ED6 }
```

Background

The CSS property to change the background color of an element to Hex 399ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399ED6 }
```

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

```
.background{ background-color:#399ED6 }
```

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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