

Converting Colors

Hex(399CAF)

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

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Color

Hex(399CAF)

Conversions

Conversions Part 1

Format	Color
Hex	399CAF
RGB	57, 156, 175
RGB Percent	22%, 61%, 69%
CMY	0.7765, 0.3882, 0.3137
CMYK	0.67, 0.11, 0.00, 0.31
HSL	190°, 51%, 45%
HSV	190°, 67%, 69%
XYZ	21.3137, 27.7419, 44.7888
YIQ	128.5650, -65.1030, -15.0790

Conversions

Conversions Part 2

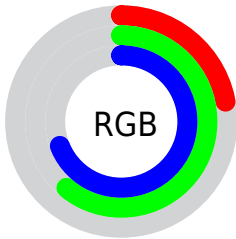
Format	Color
RYB	57, 111, 175
Decimal	3775663
CIELab	59.65, -22.33, -18.30
CIElCh	60, 28.872, 219.340
Yxy	27.7419, 0.2271, 0.2956
Android (android.graphics.Color)	4281965743 (0xFF399CAF)
YUV	128.5650, 22.8925, -62.7625
Hunter-Lab	52.6706, -19.9418, -13.5482

Details

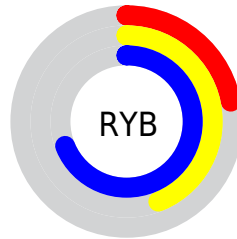
The Hex color **399CAF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF4C39**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **76D3E7**, and **00687B** is the 20% darker color. If you saturate the color by 10%, you get **2799AF**, and if you desaturate by 10%, it is **4B9FAF**.

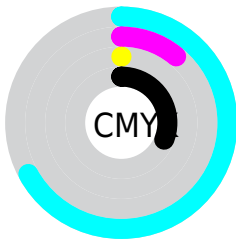
Distribution



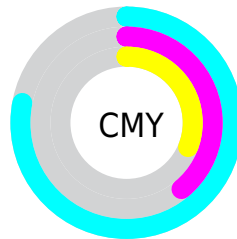
- Red (22%)
- Green (61%)
- Blue (69%)



- Red (22%)
- Yellow (44%)
- Blue (69%)



- Cyan (67%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (78%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 399CAF

 399CAF


FFFFFF

 0B8294

 76D3E7

 00687B

 93EFFF

 005062

 B0FFFF

 00394A

 CEFFFF

 002333

 ECFFFF

 00021F

 000001

 000000

 399CAF

 399CAF

■ 2799AF

■ 4B9FAF

■ 1696AF

■ 5CA2AF

■ 0494AF

■ 6EA4AF

■ 0093AF

■ 7FA7AF

■ 91AAAF

■ A2ADAF

■ B4B0AF

■ C5B3AF

■ D7B5AF

Harmonies

Analogous

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



439E97



399CAF



5397BF

Triad

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



399CAF



B67FA2



99915D

Complementary

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



399CAF



AF4C39

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.



B08861



399CAF



C27C89

Square

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



399CAF



9D86B7



BF8071



7D9868

Rectangle

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



399CAF



6C92C2



BF8071



A28E5D

Sweetspot

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



399CAF



B6DCE3



39AF4B



576E73



F2F2F2



737373

Same Dimension

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



399CAF



2BC5E3



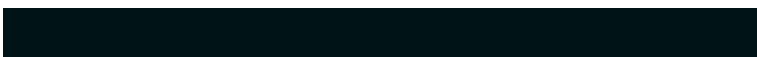
3962AF



4E5557



007E96



001317

Inverse Universe

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



AF399C



E32BC5



AF8639



574E55



96007E



170013

Previews

White Background



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

Color Contrast Check

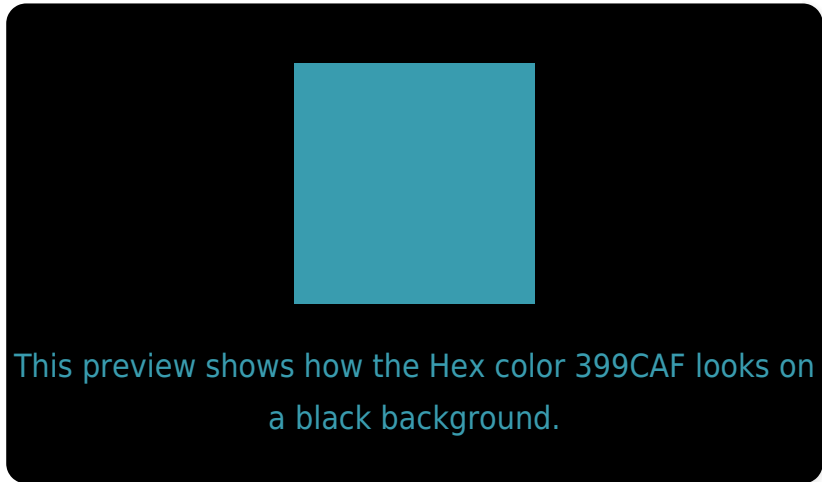
Large Text (above 18pt) WCAG AA ✓ Pass

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

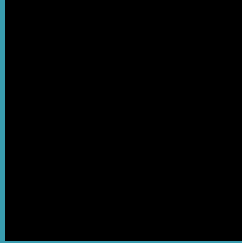
Any Text WCAG AA ✓ Pass

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 399CAF Background



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

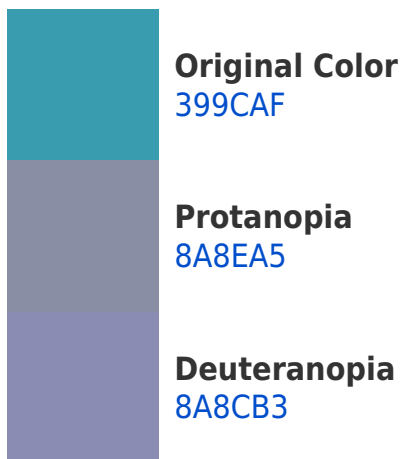


This preview shows how white text looks on a background with the Hex color 399CAF.

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](#).

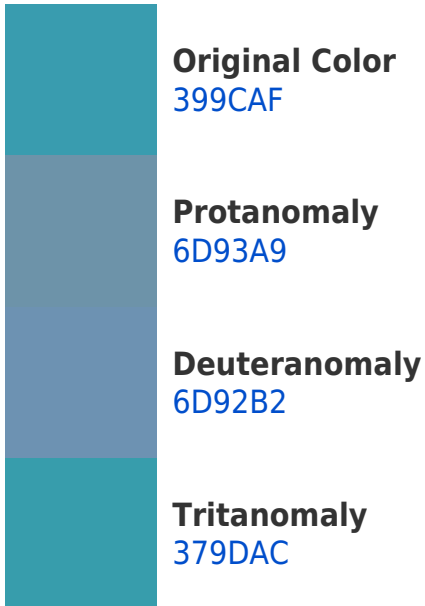
Dichromacy





Tritanopia
369DAA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #399CAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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