

# Converting Colors

Hex(5FC399)

Have a look what the booklet for  
Hex(5FC399) contains.

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# **Color**

**Hex(5FC399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FC399
RGB	95, 195, 153
RGB Percent	37%, 76%, 60%
CMY	0.6275, 0.2353, 0.4000
CMYK	0.51, 0.00, 0.22, 0.24
HSL	155°, 45%, 57%
HSV	155°, 51%, 76%
XYZ	29.9842, 43.7630, 37.0038
YIQ	160.3120, -46.1180, -34.2620

# Conversions

## Conversions Part 2

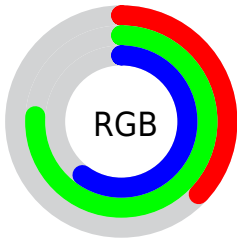
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 158, 195
Decimal	6275993
CIELab	72.07, -39.24, 12.27
CIELCh	72, 41.114, 162.629
Yxy	43.7630, 0.2707, 0.3951
Android (android.graphics.Color)	4284466073 (0xFF5FC399)
YUV	160.3120, -3.6048, -57.2786
Hunter-Lab	66.1536, -34.8635, 13.1430

# Details

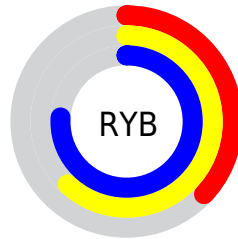
The Hex color **5FC399** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C35F89**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **98FCCF**, and **218D66** is the 20% darker color. If you saturate the color by 10%, you get **4CC391**, and if you desaturate by 10%, it is **73C3A1**.

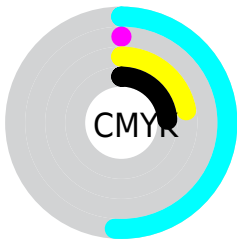
# Distribution



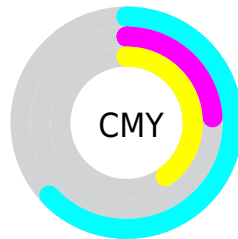
- Red (37%)
- Green (76%)
- Blue (60%)



- Red (37%)
- Yellow (62%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FC399 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 5FC399 by changing the saturation by 10% instead.



 5FC399

 5FC399

FFFFFF

 42A77F

 98FCCF

 218D66

 B4FFEC

 00734E

 D1FFFF

 005937

 EFFFFFF

 004121

 002B0C

 000E00

 000000

 5FC399

 5FC399

 4CC391


 73C3A1

 38C389

 86C3A9

 25C380

 9AC3B2

 11C378

 ADC3BA

 00C371

 C1C3C2

 D4C3CA

 E8C3D2

 FBC3DB

 FFC3E3

# Harmonies

## Analogous

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



90BD78



5FC399



18C5C0

# Triad

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



5FC399



93AFFA



F39A80

# Complementary

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



5FC399



C35F89

# 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.



F993A2



5FC399



C9A1E8

# Square

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



5FC399



4DBBF8



EC96C8



DCA769

# Rectangle

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



5FC399



00C3D8



EC96C8



F7978A

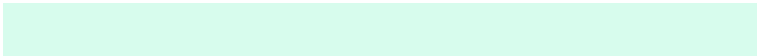


# Sweetspot

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



5FC399



D7FCED



8AC35F



698076



000000



808080



# Same Dimension

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



5FC399



60FCBB



5FBCC3



57615D



00A15D



002113



# Inverse Universe

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



C35F89



FC60A2



C3665F



61575B



A10043

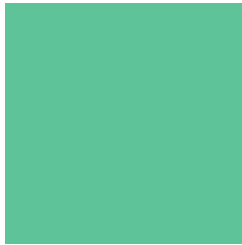


21000E



# Previews

## White Background



This preview shows how the Hex color 5FC399 looks on a white background.

## Color Contrast Check

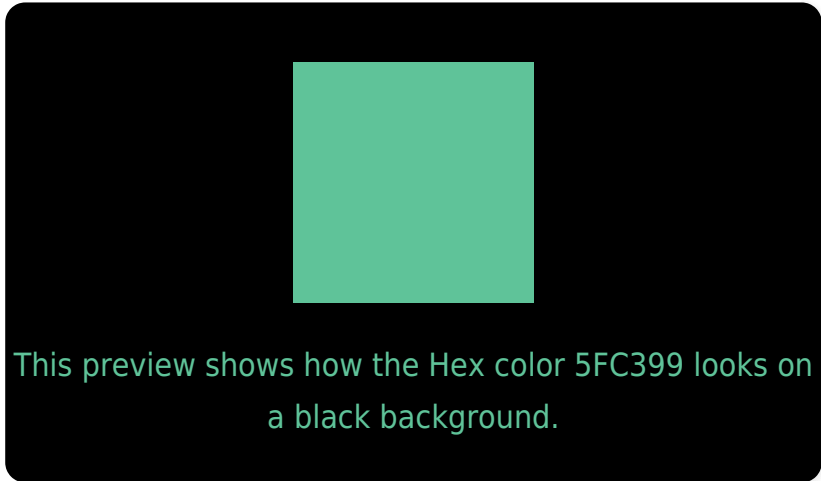
Large Text (above 18pt) WCAG AA × Fail

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

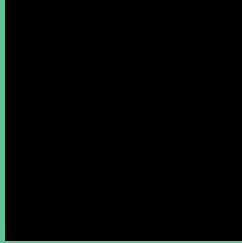
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5FC399 Background



This preview shows how black text looks on a background with the Hex color 5FC399.

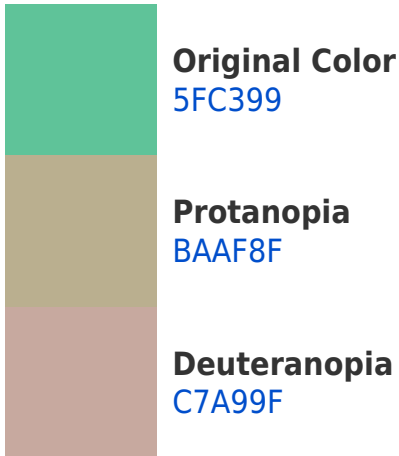


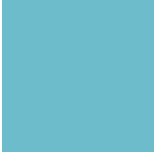
This preview shows how white text looks on a background with the Hex color 5FC399.

# 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**  
6DBCCB

# Trichromacy



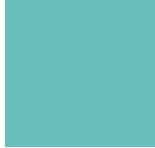
**Original Color**  
5FC399



**Protanomaly**  
99B693



**Deuteranomaly**  
A1B29D



**Tritanomaly**  
68BFB9

# Monochromacy



**Original Color**  
5FC399



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
88AD9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FC399 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 #5FC399 looks like.

```
.text, #text, p{  
    color:#5FC399  
}
```

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 #5FC399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC399
}
```

## Border

The CSS property to change the border of an element to Hex 5FC399 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
#5FC399 }
```

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

```
.border{ border-color:#5FC399 }
```

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

Here you see how a box with a 4 pixel #5FC399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC399; -webkit-box-shadow:4px 4px  
4px 4px #5FC399; box-shadow:4px 4px 4px  
4px #5FC399 }
```

# Background

The CSS property to change the background color of an element to Hex 5FC399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC399 }
```

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

```
.background{ background-color:#5FC399 }
```

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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