

# Converting Colors

Hex(399097)

Have a look what the booklet for  
Hex(399097) contains.

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# Color

**Hex(399097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	399097
RGB	57, 144, 151
RGB Percent	22%, 56%, 59%
CMY	0.7765, 0.4353, 0.4078
CMYK	0.62, 0.05, 0.00, 0.41
HSL	184°, 45%, 41%
HSV	184°, 62%, 59%
XYZ	17.2465, 23.0507, 32.8184
YIQ	118.7850, -54.0990, -16.2670

# Conversions

## Conversions Part 2

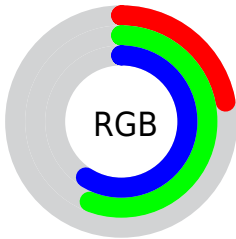
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 102, 151
Decimal	3772567
CIELab	55.12, -23.50, -11.47
CIELCh	55, 26.152, 206.008
Yxy	23.0507, 0.2359, 0.3153
Android (android.graphics.Color)	4281962647 (0xFF399097)
YUV	118.7850, 15.8820, -54.1854
Hunter-Lab	48.0112, -19.8990, -6.9203

# Details

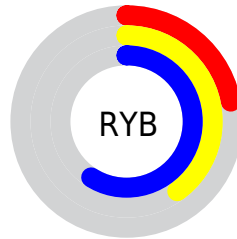
The Hex color **399097** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **974039**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **73C6CD**, and **005D64** is the 20% darker color. If you saturate the color by 10%, you get **2A8F97**, and if you desaturate by 10%, it is **489197**.

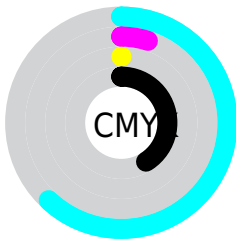
# Distribution



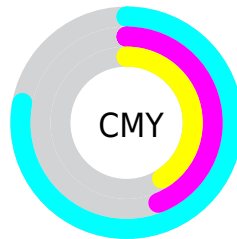
- Red (22%)
- Green (56%)
- Blue (59%)



- Red (22%)
- Yellow (40%)
- Blue (59%)



- Cyan (62%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (78%)
- Magenta (44%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 399097 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 399097 by changing the saturation by 10% instead.



 399097

 399097

FFFFFF

 15767D

 73C6CD

 005D64

 8FE2E9

 00454C

 ABFFFF

 002E36

 C8FFFF

 001B20

 E5FFFF

 000007

 000000

 399097

 399097

 2A8F97

 489197

■ 1B8E97

■ 579297

■ 0C8D97

■ 669397

■ 008C97

■ 759497

■ 849697

■ 949797

■ A39897

■ B29997

■ C19A97

# Harmonies

## Analogous

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



4B9080



399097



428DA9

# Triad

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



399097



9E789E



978257

# Complementary

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



399097



974039

# 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.



A87A5F



399097



AE7388

# Square

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



399097



837FAD



B17471



7F895B

# Rectangle

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



399097



5689AF



B17471



9D7F58



# Sweetspot

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



399097



9FC2C4



39973F



4D6263



E3E3E3



636363



# Same Dimension

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



399097



31B9C4



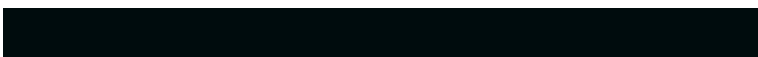
396297



454C4D



00828C



000C0D



# Inverse Universe

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



973990



C431B9



976E39



4D454C



8C0082

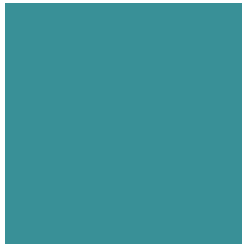


0D000C



# Previews

## White Background



This preview shows how the Hex color 399097 looks on a white background.

## Color Contrast Check

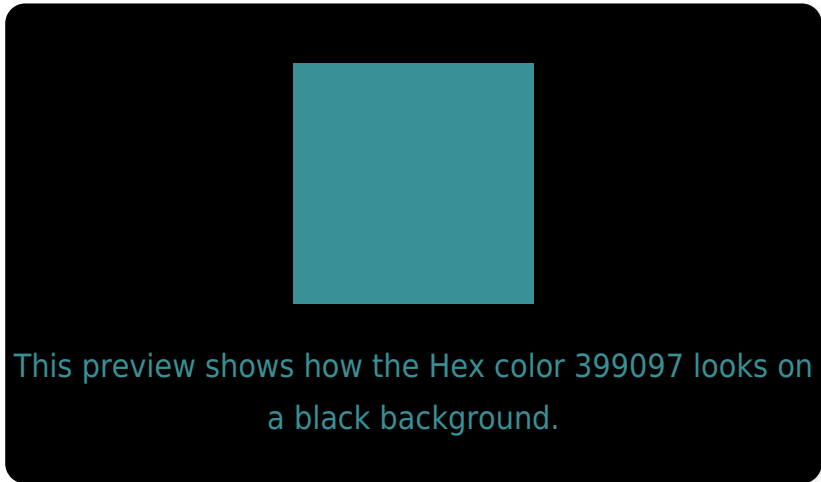
Large Text (above 18pt) WCAG AA ✓ Pass

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

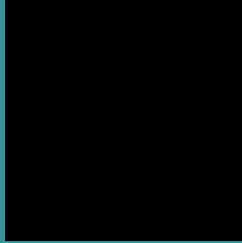
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 399097 Background



This preview shows how black text looks on a background with the Hex color 399097.

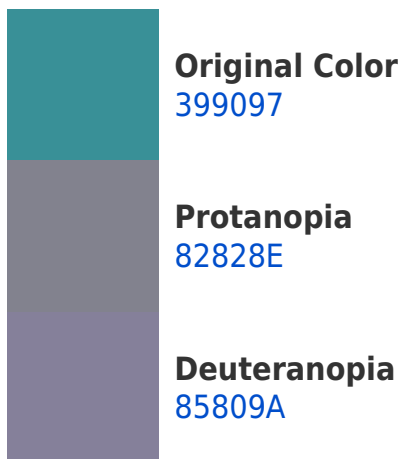


This preview shows how white text looks on a background with the Hex color 399097.

# 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](#).

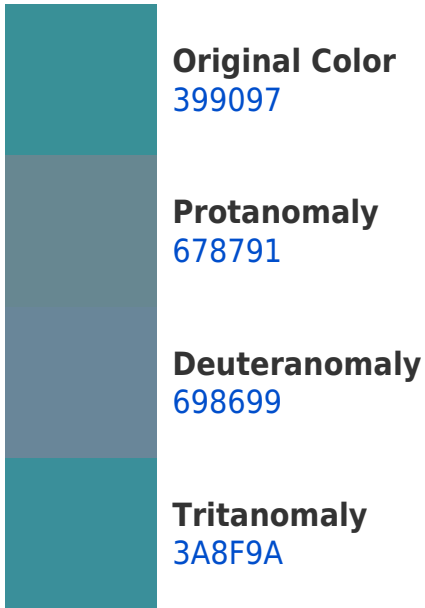
## Dichromacy



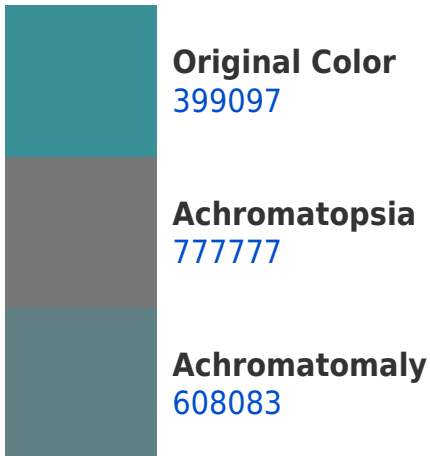


**Tritanopia**  
3B8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 399097 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 #399097 looks like.

```
.text, #text, p{  
  color:#399097  
}
```

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 #399097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399097
}
```

## Border

The CSS property to change the border of an element to Hex 399097 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
#399097 }
```

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

```
.border{ border-color:#399097 }
```

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

Here you see how a box with a 4 pixel #399097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399097; -webkit-box-shadow:4px 4px  
4px 4px #399097; box-shadow:4px 4px 4px  
4px #399097 }
```

# Background

The CSS property to change the background color of an element to Hex 399097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399097 }
```

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

```
.background{ background-color:#399097 }
```

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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