

Converting Colors

Hex(399199)

Have a look what the booklet for
Hex(399199) contains.

| | |
|--|----|
| Hex(399199) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(399199)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 399199 |
| RGB | 57, 145, 153 |
| RGB Percent | 22%, 57%, 60% |
| CMY | 0.7765, 0.4314, 0.4000 |
| CMYK | 0.63, 0.05, 0.00, 0.40 |
| HSL | 185°, 46%, 41% |
| HSV | 185°, 63%, 60% |
| XYZ | 17.5625, 23.4206, 33.7320 |
| YIQ | 119.6000, -55.0160, -16.1680 |

Conversions

Conversions Part 2

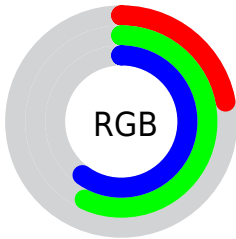
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 57, 103, 153 |
| Decimal | 3772825 |
| CIELab | 55.50, -23.42, -12.05 |
| CIELCh | 56, 26.333, 207.227 |
| Yxy | 23.4206, 0.2351, 0.3135 |
| Android (android.graphics.Color) | 4281962905 (0xFF399199) |
| YUV | 119.6000, 16.4662, -54.9002 |
| Hunter-Lab | 48.3948, -19.9131, -7.4498 |




Details

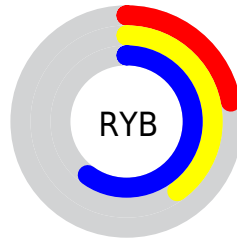
The Hex color **399199** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994139**, and the grayscale version is **777777**.




A 20% lighter version of the original color is **73C7CF**, and **005E66** is the 20% darker color. If you saturate the color by 10%, you get **2A9099**, and if you desaturate by 10%, it is **489299**.

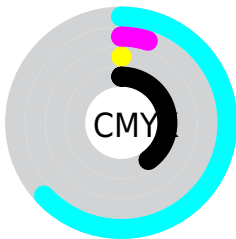
Distribution







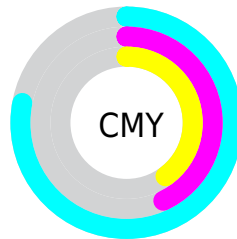
-  Red (22%)
-  Green (57%)
-  Blue (60%)






-  Red (22%)
-  Yellow (40%)
-  Blue (60%)



-  Cyan (63%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (78%)
-  Magenta (43%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 399199 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 399199 by changing the saturation by 10% instead.

 399199

 399199

FFFFFF

 14777F

 73C7CF

 005E66

 8FE3EC

 00464E

 ACFFFF

 002F37

 C9FFFF

 001D22

 E6FFFF

 00000A

 000000

 399199

 399199

 2A9099

 489299

■ 1A8E99

■ 589499

■ 0B8D99

■ 679599

■ 008C99

■ 769699

■ 869799

■ 959999

■ A49A99

■ B39B99

■ C39C99

Harmonies

Analogous

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



4A9182



399199



448EAB

Triad

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



399199



A0789E



978357

Complementary

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



399199



994139

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.



A97B5F



399199



AF7488

Square

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



399199



8580AD



B27571



7F8A5C

Rectangle

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



399199



588AB1



B27571



9E8059

Sweetspot

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



399199



A1C4C7



399941



4D6263



E3E3E3



636363

Same Dimension

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



399199



32BAC7



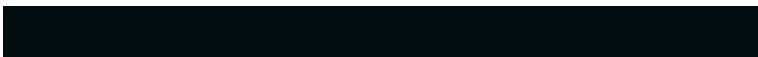
396199



454C4D



00818C



000C0D

Inverse Universe

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



993991



C732BA



997139



4D454C



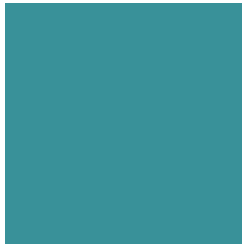
8C0081



0D000C

Previews

White Background



This preview shows how the Hex color 399199 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

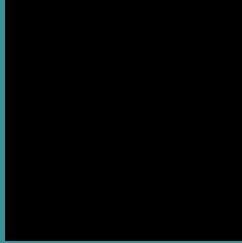
Any Text WCAG AA ✓ Pass

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 399199 Background



This preview shows how black text looks on a background with the Hex color 399199.

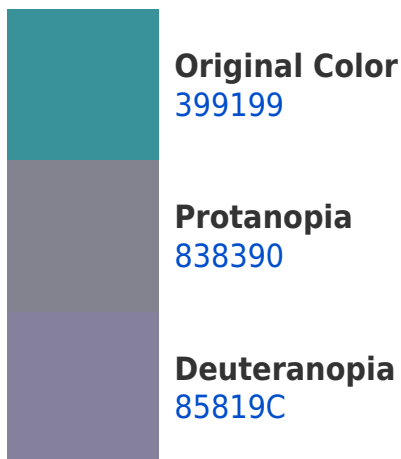


This preview shows how white text looks on a background with the Hex color 399199.

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](#).

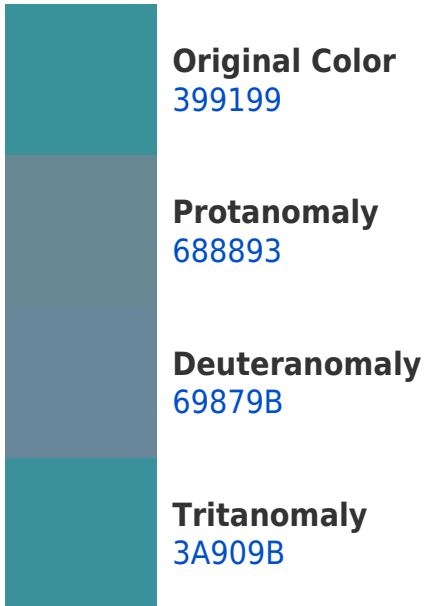
Dichromacy



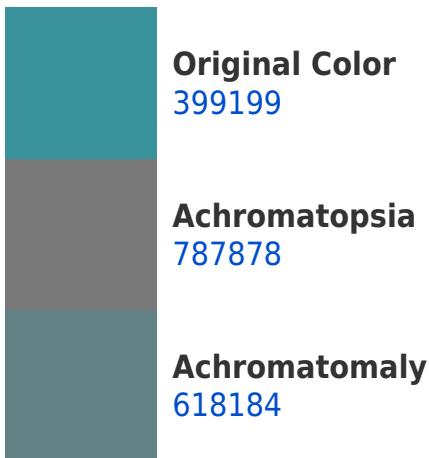


Tritanopia
3B909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 399199 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 #399199 looks like.

```
.text, #text, p{  
    color:#399199  
}
```

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 #399199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #399199  
}
```

Border

The CSS property to change the border of an element to Hex 399199 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  
#399199 }
```

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

```
.border{ border-color:#399199 }
```

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

Here you see how a box with a 4 pixel #399199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #399199; -webkit-box-shadow:4px 4px  
4px 4px #399199; box-shadow:4px 4px 4px  
4px #399199 }
```

Background

The CSS property to change the background color of an element to Hex 399199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#399199 }
```

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

```
.background{ background-color:#399199 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor