

Converting Colors

Hex(229399)

Have a look what the booklet for
Hex(229399) contains.

Hex(229399)	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(229399)

Conversions

Conversions Part 1

Format	Color
Hex	229399
RGB	34, 147, 153
RGB Percent	13%, 58%, 60%
CMY	0.8667, 0.4235, 0.4000
CMYK	0.78, 0.04, 0.00, 0.40
HSL	183°, 64%, 37%
HSV	183°, 78%, 60%
XYZ	16.8432, 23.5074, 33.7867
YIQ	113.8970, -69.2740, -22.0900

Conversions

Conversions Part 2

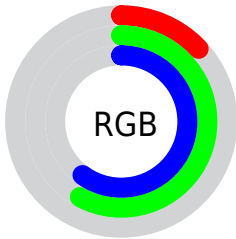
Format	Color
RYB	34, 92, 153
Decimal	2266009
CIELab	55.59, -27.74, -11.97
CIElCh	56, 30.211, 203.339
Yxy	23.5074, 0.2272, 0.3171
Android (android.graphics.Color)	4280456089 (0xFF229399)
YUV	113.8970, 19.2778, -70.0697
Hunter-Lab	48.4845, -22.8381, -7.3774




Details

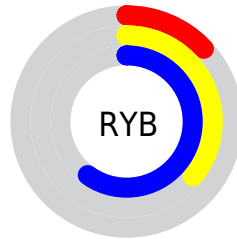
The Hex color **229399** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992822**, and the grayscale version is **727272**.




A 20% lighter version of the original color is **65C9CF**, and **006066** is the 20% darker color. If you saturate the color by 10%, you get **139299**, and if you desaturate by 10%, it is **319499**.

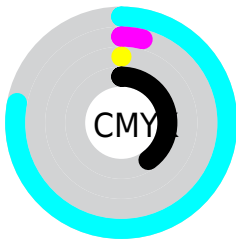
Distribution







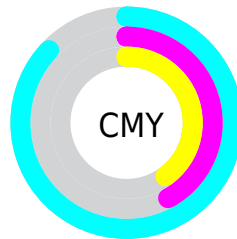
-  Red (13%)
-  Green (58%)
-  Blue (60%)






-  Red (13%)
-  Yellow (36%)
-  Blue (60%)



-  Cyan (78%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (87%)
-  Magenta (42%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 229399 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 229399 by changing the saturation by 10% instead.

 229399

 229399

FFFFFF

 00797F

 65C9CF

 006066

 82E6EC

 00484E

 9FFFFFFF

 003137

 BCFFFF

 001D22

 DAFFFF

 00000B

 F8FFFF

 000000

 229399

 229399

 139299

 319499

■ 039199

■ 419599

■ 009199

■ 509599

■ 5F9699

■ 6E9799

■ 7E9899

■ 8D9899

■ 9C9999

■ AC9A99

Harmonies

Analogous

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



42937E



229399



2B90AE

Triad

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



229399



A177A5



9C8251

Complementary

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



229399



992822

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.



AF795C



229399



B4718C

Square

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



229399



8081B5



B87272



828A54

Rectangle

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



229399



478CB7



B87272



A37F53

Sweetspot

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



229399



99C5C7



229928



486263



E3E3E3



636363

Same Dimension

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



229399



0EBEC7



225899



454C4D



00858C



000C0D

Inverse Universe

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



992293



C70EBE



996322



4D454C



8C0085



0D000C

Previews

White Background



This preview shows how the Hex color 229399 looks on a white background.

Color Contrast Check

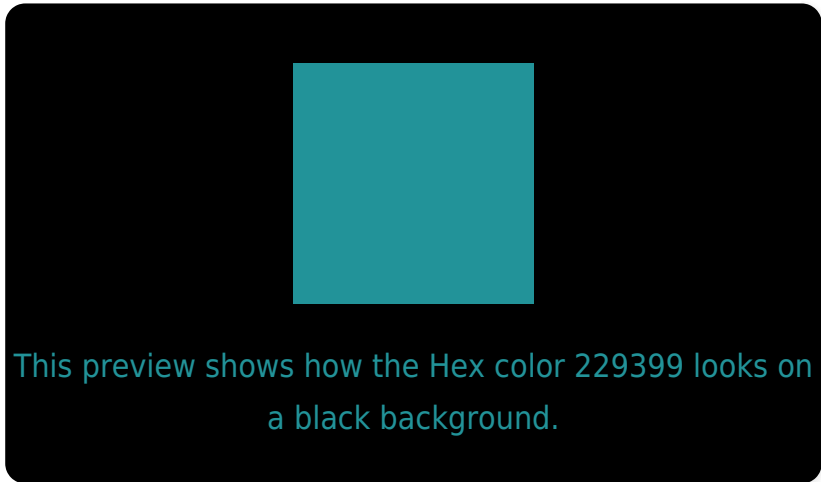
Large Text (above 18pt) WCAG AA ✓ Pass

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

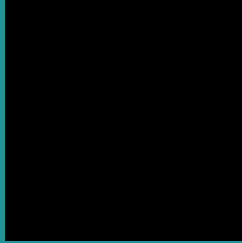
Any Text WCAG AA ✓ Pass

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 229399 Background



This preview shows how black text looks on a background with the Hex color 229399.

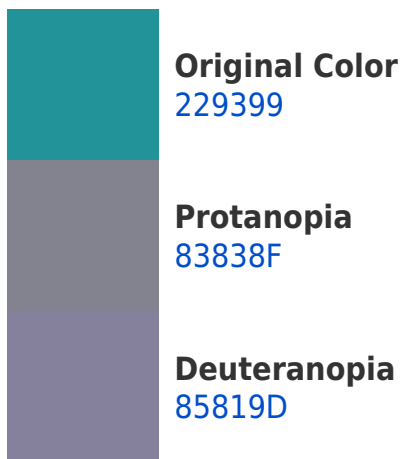


This preview shows how white text looks on a background with the Hex color 229399.

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



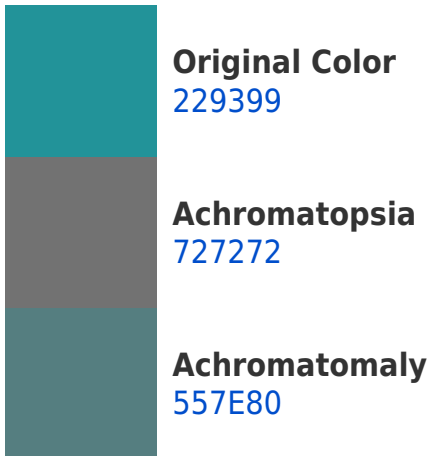


Tritanopia
26929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 229399 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 #229399 looks like.

```
.text, #text, p{  
    color:#229399  
}
```

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 #229399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229399
}
```

Border

The CSS property to change the border of an element to Hex 229399 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
#229399 }
```

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

```
.border{ border-color:#229399 }
```

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

Here you see how a box with a 4 pixel #229399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229399; -webkit-box-shadow:4px 4px  
4px 4px #229399; box-shadow:4px 4px 4px  
4px #229399 }
```

Background

The CSS property to change the background color of an element to Hex 229399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229399 }
```

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

```
.background{ background-color:#229399 }
```

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