

Converting Colors

Hex(75C399)

Have a look what the booklet for
Hex(75C399) contains.

Hex(75C399)	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(75C399)

Conversions

Conversions Part 1

Format	Color
Hex	75C399
RGB	117, 195, 153
RGB Percent	46%, 76%, 60%
CMY	0.5412, 0.2353, 0.4000
CMYK	0.40, 0.00, 0.22, 0.24
HSL	148°, 39%, 61%
HSV	148°, 40%, 76%
XYZ	32.6010, 45.1120, 37.1262
YIQ	166.8900, -33.0060, -29.5980

Conversions

Conversions Part 2

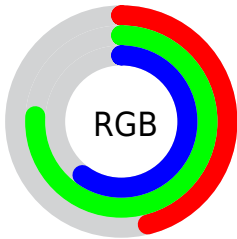
Format	Color
RYB	117, 170, 195
Decimal	7717785
CIELab	72.97, -33.47, 13.67
CIELCh	73, 36.155, 157.792
Yxy	45.1120, 0.2839, 0.3928
Android (android.graphics.Color)	4285907865 (0xFF75C399)
YUV	166.8900, -6.8478, -43.7535
Hunter-Lab	67.1655, -30.8987, 14.2428

Details

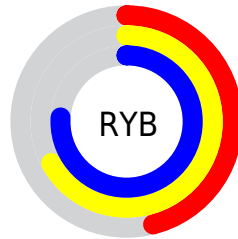
The Hex color **75C399** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C3759F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ACFCCF**, and **3F8D66** is the 20% darker color. If you saturate the color by 10%, you get **62C38F**, and if you desaturate by 10%, it is **88C3A3**.

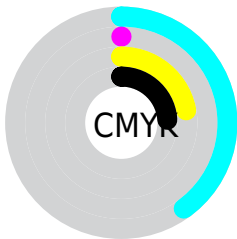
Distribution



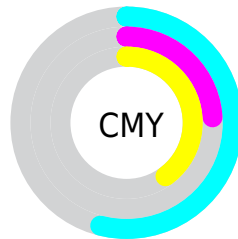
- Red (46%)
- Green (76%)
- Blue (60%)



- Red (46%)
- Yellow (67%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C399 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 75C399 by changing the saturation by 10% instead.

 75C399

 75C399

FFFFFF

 5AA87F

 ACFFCF

 3F8D66

 C8FFEC

 23734E

 E5FFFF

 005A37

 004221

 002B0C

 001200

 000000

 75C399

 75C399

 62C38F

 88C3A3

 4EC384

 9CC3AE

 3BC37A

 B0C3B8

 27C36F

 C3C3C3

 13C365

 D7C3CE

 00C35A

 EAC3D8

 FEC3E2

 FFC3ED

 FFC3F7

Harmonies

Analogous

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



9DBD7E



75C399



4CC5BB

Triad

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



75C399



93B3F4



F19E8C

Complementary

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



75C399



C3759F

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.



F49AAC



75C399



C2A7E7

Square

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



75C399



5DBDF0



E49DCD



DEA976

Rectangle

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



75C399



3AC4D1



E49DCD



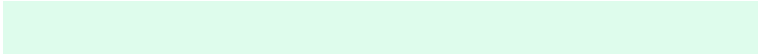
F49C96

Sweetspot

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



75C399



DEFCEC



A0C375



6E8076



000000



808080

Same Dimension

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



75C399



83FCBB



75C3BF



57615C



00A14A



00210F

Inverse Universe

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



C3759F



FC83C5



C37579



61575C



A10057



210012

Previews

White Background



This preview shows how the Hex color 75C399 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



This preview shows how the Hex color 75C399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

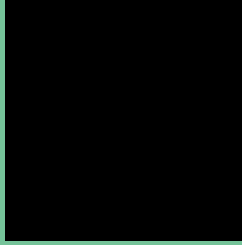
Any Text WCAG AA ✓ Pass

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 75C399 Background



This preview shows how black text looks on a background with the Hex color 75C399.

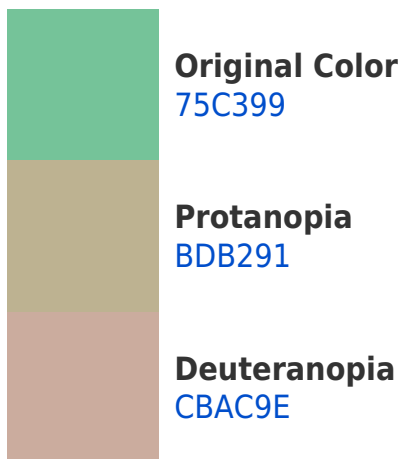


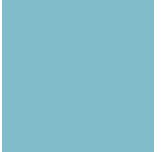
This preview shows how white text looks on a background with the Hex color 75C399.

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](#).

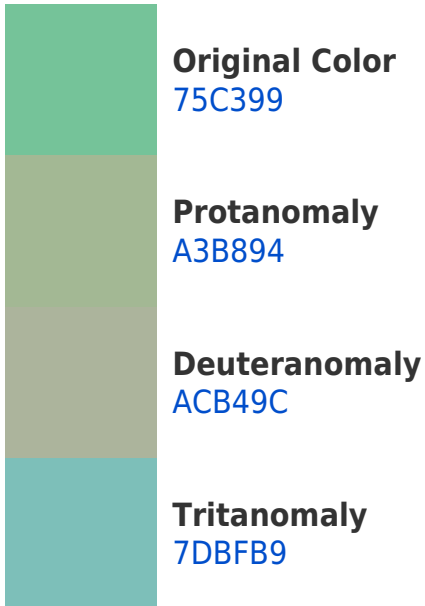
Dichromacy



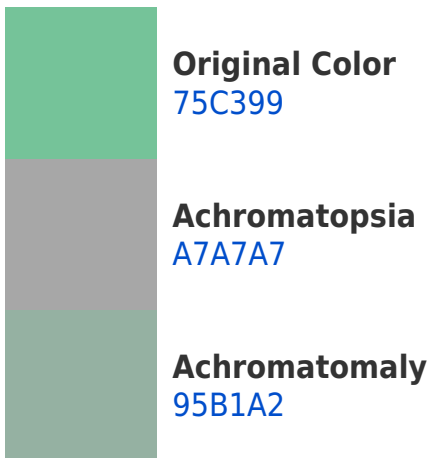


Tritanopia
81BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75C399 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 #75C399 looks like.

```
.text, #text, p{  
    color:#75C399  
}
```

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 #75C399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C399
}
```

Border

The CSS property to change the border of an element to Hex 75C399 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
#75C399 }
```

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

```
.border{ border-color:#75C399 }
```

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

Here you see how a box with a 4 pixel #75C399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C399; -webkit-box-shadow:4px 4px  
4px 4px #75C399; box-shadow:4px 4px 4px  
4px #75C399 }
```

Background

The CSS property to change the background color of an element to Hex 75C399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C399 }
```

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

```
.background{ background-color:#75C399 }
```

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