

# Converting Colors

Hex(7DC399)

Have a look what the booklet for  
Hex(7DC399) contains.

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**Color**

**Hex(7DC399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DC399
RGB	125, 195, 153
RGB Percent	49%, 76%, 60%
CMY	0.5098, 0.2353, 0.4000
CMYK	0.36, 0.00, 0.22, 0.24
HSL	144°, 37%, 63%
HSV	144°, 36%, 76%
XYZ	33.7223, 45.6901, 37.1787
YIQ	169.2820, -28.2380, -27.9020

# Conversions

## Conversions Part 2

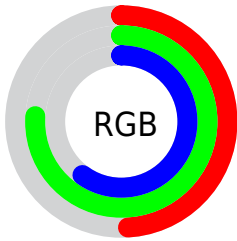
Format	Color
<a href="#">RYB</a>	<a href="#">125, 175, 195</a>
Decimal	<a href="#">8242073</a>
CIELab	<a href="#">73.34, -31.14, 14.25</a>
CIELCh	<a href="#">73, 34.243, 155.405</a>
Yxy	<a href="#">45.6901, 0.2892, 0.3919</a>
Android (android.graphics.Color)	<a href="#">4286432153 (0xFF7DC399)</a>
YUV	<a href="#">169.2820, -8.0270, -38.8353</a>
Hunter-Lab	<a href="#">67.5944, -29.2381, 14.7051</a>

# Details

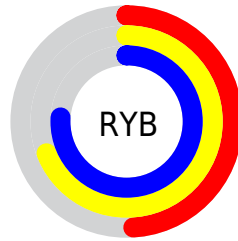
The Hex color **7DC399** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C37DA7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B4FCCF**, and **488D66** is the 20% darker color. If you saturate the color by 10%, you get **6AC38D**, and if you desaturate by 10%, it is **91C3A5**.

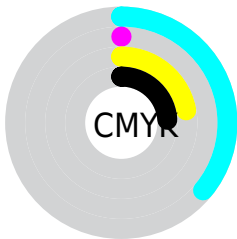
# Distribution



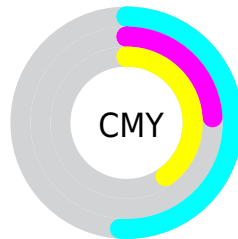
- Red (49%)
- Green (76%)
- Blue (60%)



- Red (49%)
- Yellow (69%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DC399 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 7DC399 by changing the saturation by 10% instead.



 7DC399

 7DC399

FFFFFF

 62A87F

 B4FCCF

 488D66

 D0FFEC

 2E734E

 EDFFFF

 105A37

 004221

 002B0C

 001400

 000000

 7DC399

 7DC399

 6AC38D

 91C3A5

 56C382

 A4C3B0

 43C376

 B7C3BC

 2FC36A

 CBC3C8

 1BC35F

 DEC3D3

 08C353

 F2C3DF

 00C34E

 FFC3EB

 FFC3F7

 FFC3FF

# Harmonies

## Analogous

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



A2BD80



7DC399



59C5B9

# Triad

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



7DC399



92B5F2



F0A091

# Complementary

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



7DC399



C37DA7

# 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.



F19CB0



7DC399



C0AAE7

# Square

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



7DC399



63BEEC



E1A0CF



DFA97C

# Rectangle

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



7DC399



49C5CE



E1A0CF



F29E9B

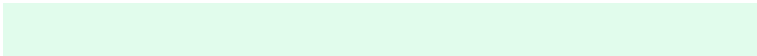


# Sweetspot

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



7DC399



E1FCEC



A7C37D



6F8076



000000



808080



# Same Dimension

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



7DC399



90FCBB



7DC3BC



57615B



00A140



00210D



# Inverse Universe

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



C37DA7



FC90D1



C37D84



61575D



A10060



210014



# Previews

## White Background



This preview shows how the Hex color 7DC399 looks on a white background.

## Color Contrast Check

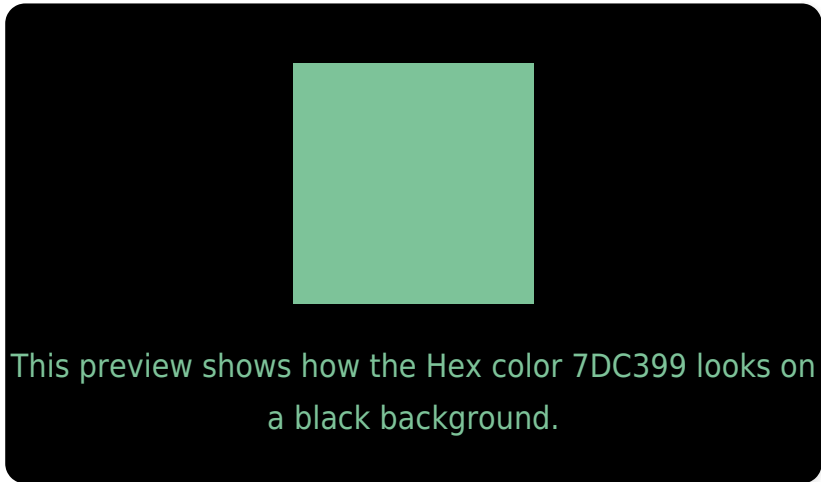
Large Text (above 18pt) WCAG AA × Fail

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

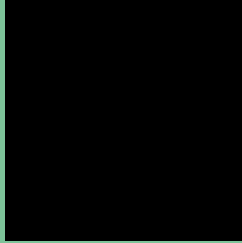
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DC399 Background



This preview shows how black text looks on a background with the Hex color 7DC399.

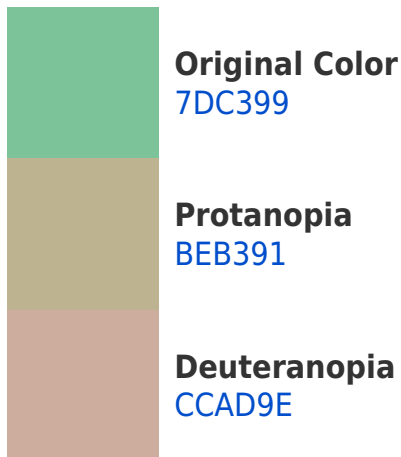


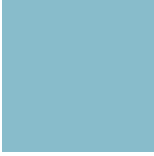
This preview shows how white text looks on a background with the Hex color 7DC399.

# 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**  
88BCCB

# Trichromacy



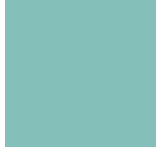
**Original Color**  
7DC399



**Protanomaly**  
A6B994



**Deuteranomaly**  
AFB59C



**Tritanomaly**  
84BFB9

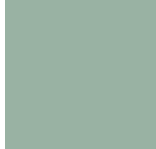
# Monochromacy



**Original Color**  
7DC399



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
99B2A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DC399 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 #7DC399 looks like.

```
.text, #text, p{  
    color:#7DC399  
}
```

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 #7DC399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC399
}
```

## Border

The CSS property to change the border of an element to Hex 7DC399 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
#7DC399 }
```

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

```
.border{ border-color:#7DC399 }
```

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

Here you see how a box with a 4 pixel #7DC399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC399; -webkit-box-shadow:4px 4px  
4px 4px #7DC399; box-shadow:4px 4px 4px  
4px #7DC399 }
```

# Background

The CSS property to change the background color of an element to Hex 7DC399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC399 }
```

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

```
.background{ background-color:#7DC399 }
```

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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