

# Converting Colors

Hex(1DC390)

Have a look what the booklet for  
Hex(1DC390) contains.

<b>Hex(1DC390)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(1DC390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DC390
RGB	29, 195, 144
RGB Percent	11%, 76%, 56%
CMY	0.8863, 0.2353, 0.4353
CMYK	0.85, 0.00, 0.26, 0.24
HSL	162°, 74%, 44%
HSV	162°, 85%, 76%
XYZ	25.0558, 41.3050, 33.0376
YIQ	139.5520, -82.5650, -51.0530

# Conversions

## Conversions Part 2

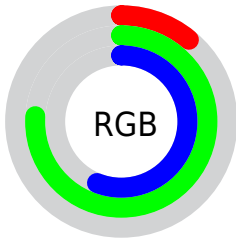
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	29, 127, 195
Decimal	1950608
CIE Lab	70.39, -51.77, 14.55
CIE LCh	70, 53.776, 164.299
Yxy	41.3050, 0.2521, 0.4155
Android (android.graphics.Color)	4280140688 (0xFF1DC390)
YUV	139.5520, 2.1929, -96.9541
Hunter-Lab	64.2690, -42.8809, 14.5101

# Details

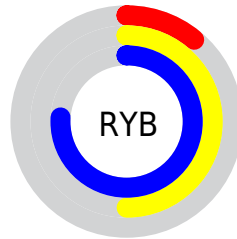
The Hex color **1DC390** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C31D50**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6BFDC6**, and **008C5D** is the 20% darker color. If you saturate the color by 10%, you get **0AC38A**, and if you desaturate by 10%, it is **31C396**.

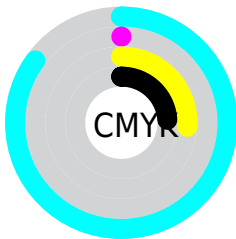
# Distribution



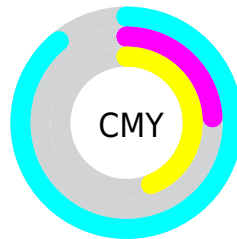
- Red (11%)
- Green (76%)
- Blue (56%)



- Red (11%)
- Yellow (50%)
- Blue (76%)



- Cyan (85%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (89%)
- Magenta (24%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DC390 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 1DC390 by changing the saturation by 10% instead.



 1DC390

 1DC390

FFFFFF

 00A776

 6BFDC6

 008C5D

 8AFFE2

 007246

 A8FFFF

 00582F

 C7FFFF

 003F1A

 E5FFFF

 002900

 000300

 000000

 1DC390

 1DC390

■ 0AC38A

■ 31C396

■ 00C387

■ 44C39C

■ 58C3A2

■ 6BC3A8

■ 7FC3AE

■ 92C3B4

■ A6C3BA

■ B9C3C0

■ CDC3C6

# Harmonies

## Analogous

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



7BBD63



1DC390



00C5C3

# Triad

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



1DC390



83A9FF



FD8E6A

# Complementary

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



1DC390



C31D50

# 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.



FF8397



1DC390



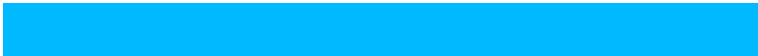
CE96F3

# Square

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



1DC390



00B9FF



F986C8



DEA04C

# Rectangle

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



1DC390



00C3E2



F986C8



FF8978



# Sweetspot

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



1DC390



BBFCE8



52C31D



588073



000000



808080



# Same Dimension

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



1DC390



00FCAF



1DA5C3



57615E



00A16F



002117



# Inverse Universe

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



C31D50



FC004E



C33B1D



61575A



A10031

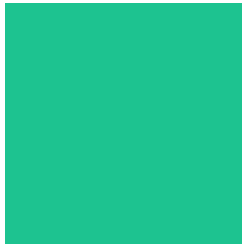


21000A



# Previews

## White Background



This preview shows how the Hex color 1DC390 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 1DC390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

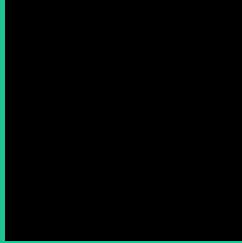
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1DC390 Background



This preview shows how black text looks on a background with the Hex color 1DC390.

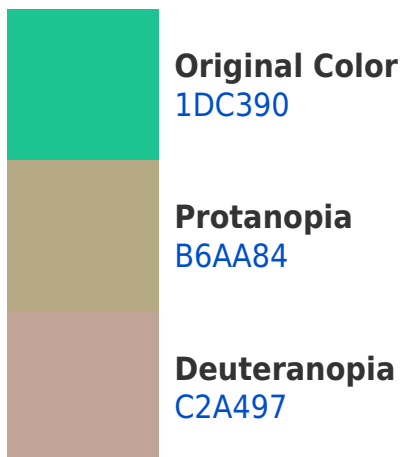


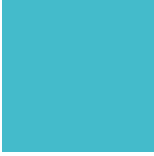
This preview shows how white text looks on a background with the Hex color 1DC390.

# 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](#).

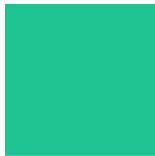
## Dichromacy





**Tritanopia**  
44BBCB

# Trichromacy



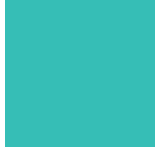
**Original Color**  
1DC390



**Protanomaly**  
7EB388



**Deuteranomaly**  
86AF94



**Tritanomaly**  
36BEB6

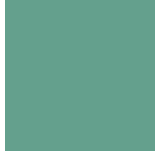
# Monochromacy



**Original Color**  
1DC390



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
64A08D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DC390 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 #1DC390 looks like.

```
.text, #text, p{  
    color:#1DC390  
}
```

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 #1DC390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC390
}
```

## Border

The CSS property to change the border of an element to Hex 1DC390 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
#1DC390 }
```

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

```
.border{ border-color:#1DC390 }
```

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

Here you see how a box with a 4 pixel #1DC390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC390; -webkit-box-shadow:4px 4px  
4px 4px #1DC390; box-shadow:4px 4px 4px  
4px #1DC390 }
```

# Background

The CSS property to change the background color of an element to Hex 1DC390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC390 }
```

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

```
.background{ background-color:#1DC390 }
```

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