

# Converting Colors

Hex(39DEC3)

Have a look what the booklet for  
Hex(39DEC3) contains.

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# Color

Hex(39DEC3)

# Conversions

## Conversions Part 1

Format	Color
Hex	39DEC3
RGB	57, 222, 195
RGB Percent	22%, 87%, 76%
CMY	0.7765, 0.1294, 0.2353
CMYK	0.74, 0.00, 0.12, 0.13
HSL	170°, 71%, 55%
HSV	170°, 74%, 87%
XYZ	37.6589, 57.0525, 60.6572
YIQ	169.5870, -89.6730, -43.3770

# Conversions

## Conversions Part 2

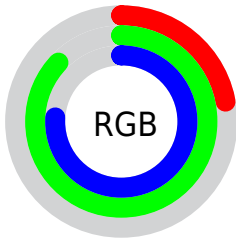
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 147, 222
Decimal	3792579
CIELab	80.21, -47.46, 1.31
CIELCh	80, 47.476, 178.415
Yxy	57.0525, 0.2424, 0.3672
Android (android.graphics.Color)	4281982659 (0xFF39DEC3)
YUV	169.5870, 12.5286, -98.7388
Hunter-Lab	75.5331, -43.1873, 5.2601

# Details

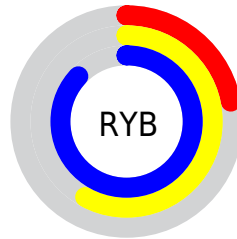
The Hex color **39DEC3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **DE3954**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **80FFFB**, and **00A68D** is the 20% darker color. If you saturate the color by 10%, you get **23DEBF**, and if you desaturate by 10%, it is **4FDEC7**.

# Distribution



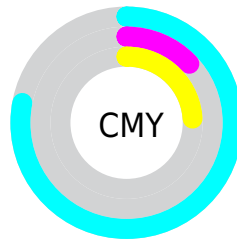
- Red (22%)
- Green (87%)
- Blue (76%)



- Red (22%)
- Yellow (58%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (78%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39DEC3 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 39DEC3 by changing the saturation by 10% instead.



 39DEC3

 39DEC3

FFFFFF

 00C2A8

 80FFFB

 00A68D

 A0FFFF

 008B74

 BFFFFFF

 00715B

 DEFFFF

 005744

 FFFFFFF

 003E2E

 002919

 000100

 000000

 39DEC3

 39DEC3

 23DEBF

 4FDEC7

 0DDEBC

 65DECA

 00DEBA

 7CDECE

 92DED2

 A8DED5

 BEDED9

 D4DEDC

 EBDEE0

 FFDEE4

# Harmonies

## Analogous

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



82DA97



39DEC3



00DDF0

# Triad

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



39DEC3



C8BCFF



FFB47D

# Complementary

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



39DEC3



DE3954

# 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.



FFA79F



39DEC3



FCACF6

# Square

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



39DEC3



7DCCFF



FFA4CB



E5C46D

# Rectangle

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



39DEC3



00DAFF



FFA4CB



FFAF86

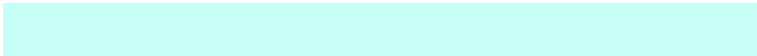


# Sweetspot

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



39DEC3



C7FFF6



54DE39



5E807A



000000



808080



# Same Dimension

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



39DEC3



1CFFDA



39A7DE



65706E



00B093



003029



# Inverse Universe

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



DE3954



FF1C41



DE7039



706567



B0001D

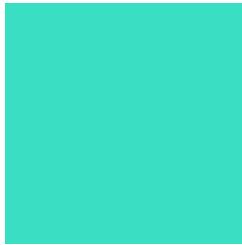


300008



# Previews

## White Background



This preview shows how the Hex color 39DEC3 looks on a white background.

## Color Contrast Check

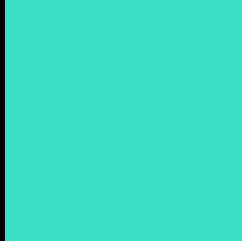
Large Text (above 18pt) WCAG AA × Fail

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 39DEC3 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

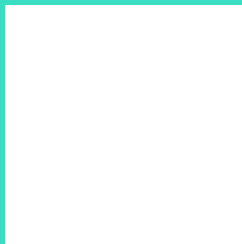
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39DEC3 Background



This preview shows how black text looks on a background with the Hex color 39DEC3.

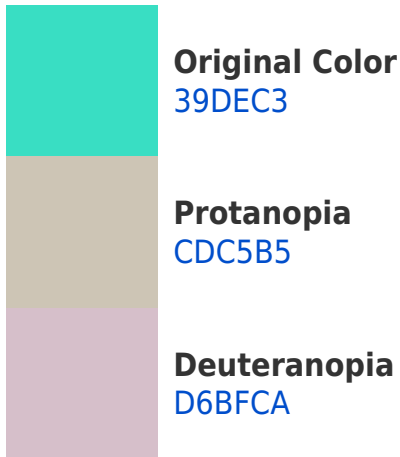


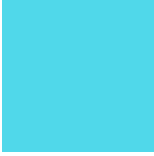
This preview shows how white text looks on a background with the Hex color 39DEC3.

# 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



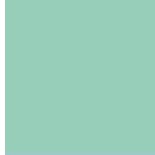


**Tritanopia**  
50D8EA

# Trichromacy



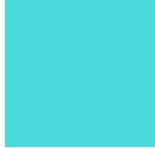
**Original Color**  
39DEC3



**Protanomaly**  
97CEBA

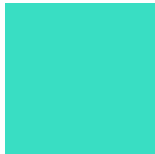


**Deuteranomaly**  
9DCAC7

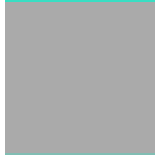


**Tritanomaly**  
48DADC

# Monochromacy



**Original Color**  
39DEC3



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
81BDB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39DEC3 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 #39DEC3 looks like.

```
.text, #text, p{  
    color:#39DEC3  
}
```

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 #39DEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39DEC3
}
```

## Border

The CSS property to change the border of an element to Hex 39DEC3 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
#39DEC3 }
```

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

```
.border{ border-color:#39DEC3 }
```

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

Here you see how a box with a 4 pixel #39DEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39DEC3; -webkit-box-shadow:4px 4px  
4px 4px #39DEC3; box-shadow:4px 4px 4px  
4px #39DEC3 }
```

# Background

The CSS property to change the background color of an element to Hex 39DEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39DEC3 }
```

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

```
.background{ background-color:#39DEC3 }
```

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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