

# Converting Colors

Hex(03E398)

Have a look what the booklet for  
Hex(03E398) contains.

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# **Color**

**Hex(03E398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03E398
RGB	3, 227, 152
RGB Percent	1%, 89%, 60%
CMY	0.9882, 0.1098, 0.4039
CMYK	0.99, 0.00, 0.33, 0.11
HSL	160°, 97%, 45%
HSV	160°, 99%, 89%
XYZ	33.1741, 57.2245, 39.0027
YIQ	151.4740, -109.4290, -70.8130

# Conversions

## Conversions Part 2

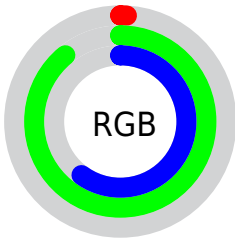
<b>Format</b>	<b>Color</b>
<b>RYB</b>	<b>3, 138, 227</b>
Decimal	254872
CIELab	80.31, -63.07, 24.01
CIELCh	80, 67.486, 159.163
Yxy	57.2245, 0.2564, 0.4422
Android (android.graphics.Color)	4278444952 (0xFF03E398)
YUV	151.4740, 0.2593, -130.2117
Hunter-Lab	75.6469, -54.1028, 22.3835

# Details

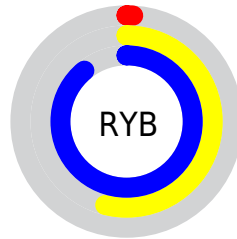
The Hex color **03E398** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **E3034E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6CFFCF**, and **00AA65** is the 20% darker color. If you saturate the color by 10%, you get **00E397**, and if you desaturate by 10%, it is **1AE3A0**.

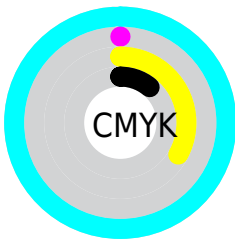
# Distribution



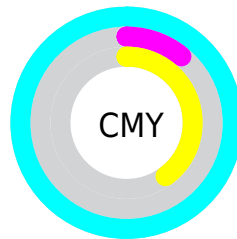
- Red (1%)
- Green (89%)
- Blue (60%)



- Red (1%)
- Yellow (54%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (99%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03E398 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 03E398 by changing the saturation by 10% instead.



 03E398

 03E398

FFFFFF

 00C67E

 6CFFCF

 00AA65

 8EFFEB

 008F4C

 AEFFFF

 007435

 CDFFFF

 005A1E

 EDFFFF

 004007

 002900

 000200

 000000

 03E398

 03E398

 00E397

 1AE3A0

 30E3A7

 47E3AF

 5EE3B6

 75E3BE

 8BE3C6

 A2E3CD

 B9E3D5

 CFE3DC

# Harmonies

## Analogous

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



94DA60



03E398



00E6D9

# Triad

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



03E398



72C8FF



FF9C7B

# Complementary

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



03E398



E3034E

# 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.



FF8EB6



03E398



E4AEFF

# Square

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



03E398



00DAFF



FF96F5



FFB44E

# Rectangle

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



03E398



00E5FF



FF96F5



FF958D

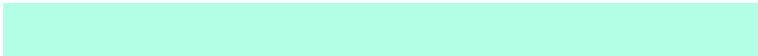


# Sweetspot

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



03E398



B3FFE5



51E303



528070



000000



808080



# Same Dimension

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



03E398



00FFAA



03C1E3



67736F



00B377



003322



# Inverse Universe

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



E3034E



FF0055



E32503



73676B



B3003C

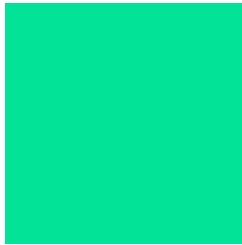


330011



# Previews

## White Background



This preview shows how the Hex color 03E398 looks on a white background.

## Color Contrast Check

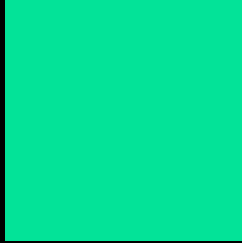
Large Text (above 18pt) WCAG AA × Fail

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 03E398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

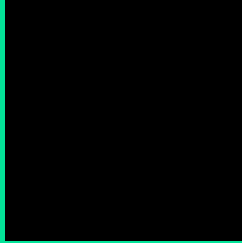
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 03E398 Background



This preview shows how black text looks on a background with the Hex color 03E398.

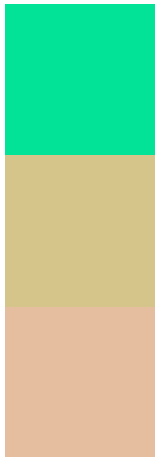


This preview shows how white text looks on a background with the Hex color 03E398.

# 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](#).

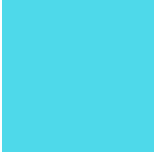
## Dichromacy



**Original Color**  
03E398

**Protanopia**  
D5C58B

**Deuteranopia**  
E5BEA0



**Tritanopia**  
4ED9EA

# Trichromacy



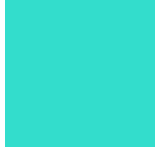
**Original Color**  
03E398



**Protanomaly**  
89D090



**Deuteranomaly**  
93CB9D



**Tritanomaly**  
33DDCC

# Monochromacy



**Original Color**  
03E398



**Achromatopsia**  
979797



**Achromatomaly**  
61B397

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03E398 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 #03E398 looks like.

```
.text, #text, p{  
    color:#03E398  
}
```

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 #03E398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03E398
}
```

## Border

The CSS property to change the border of an element to Hex 03E398 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
#03E398 }
```

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

```
.border{ border-color:#03E398 }
```

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

Here you see how a box with a 4 pixel #03E398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03E398; -webkit-box-shadow:4px 4px  
4px 4px #03E398; box-shadow:4px 4px 4px  
4px #03E398 }
```

# Background

The CSS property to change the background color of an element to Hex 03E398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03E398 }
```

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

```
.background{ background-color:#03E398 }
```

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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