

# Converting Colors

Hex(039EA7)

Have a look what the booklet for  
Hex(039EA7) contains.

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# Color

Hex(039EA7)

# Conversions

## Conversions Part 1

Format	Color
Hex	039EA7
RGB	3, 158, 167
RGB Percent	1%, 62%, 65%
CMY	0.9882, 0.3804, 0.3451
CMYK	0.98, 0.05, 0.00, 0.35
HSL	183°, 96%, 33%
HSV	183°, 98%, 65%
XYZ	19.2395, 27.2631, 40.8075
YIQ	112.6810, -95.2690, -30.0610

# Conversions

## Conversions Part 2

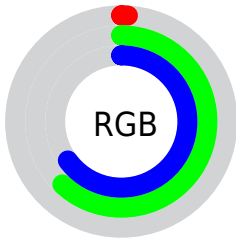
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 83, 167
Decimal	237223
CIELab	59.22, -30.63, -14.51
CIELCh	59, 33.898, 205.348
Yxy	27.2631, 0.2204, 0.3123
Android (android.graphics.Color)	4278427303 (0xFF039EA7)
YUV	112.6810, 26.7793, -96.1902
Hunter-Lab	52.2141, -25.6023, -9.7878

# Details

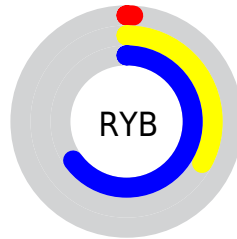
The Hex color **039EA7** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A70C03**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5ED5DE**, and **006A73** is the 20% darker color. If you saturate the color by 10%, you get **009EA7**, and if you desaturate by 10%, it is **149FA7**.

# Distribution



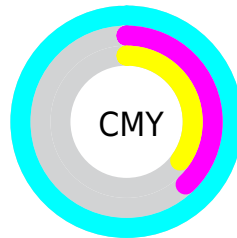
- Red (1%)
- Green (62%)
- Blue (65%)



- Red (1%)
- Yellow (33%)
- Blue (65%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (99%)
- Magenta (38%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 039EA7 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 039EA7 by changing the saturation by 10% instead.



 039EA7

 039EA7

FFFFFF

 00848D

 5ED5DE

 006A73

 7DF2FB

 00515B

 9BFFFF

 003A43

 B9FFFF

 00252D

 D8FFFF

 000119

 F6FFFF

 000000

 039EA7

 039EA7

 009EA7

 149FA7

 24A0A7

 35A1A7

 46A2A7

 56A3A7

 67A3A7

 78A4A7

 89A5A7

 99A6A7

# Harmonies

## Analogous

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



3C9E89



039EA7



209ABF

# Triad

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



039EA7



B07EB1



A68B53

# Complementary

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



039EA7



A70C03

# 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.



BD815F



039EA7



C47894

# Square

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



039EA7



8B89C4



C87977



889458

# Rectangle

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



039EA7



4896C8



C87977



AF8855



# Sweetspot

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



039EA7



9AD5D9



03A70B



476C6E



EDEDED



6E6E6E

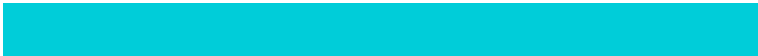


# Same Dimension

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



039EA7



00CDD9



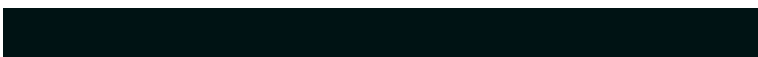
034DA7



4C5454



008C94



001314



# Inverse Universe

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



A7039E



D900CD



A75D03



544C54



94008C



140013



# Previews

## White Background



This preview shows how the Hex color 039EA7 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

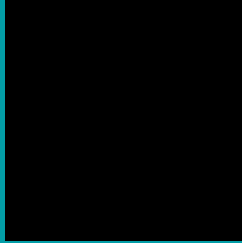
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 039EA7 Background



This preview shows how black text looks on a background with the Hex color 039EA7.

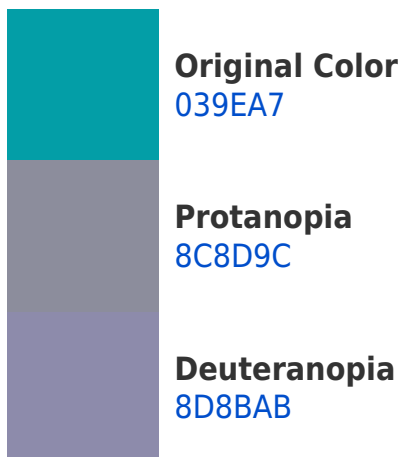


This preview shows how white text looks on a background with the Hex color 039EA7.

# 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

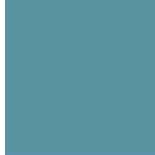




# Trichromacy



**Original Color**  
039EA7



**Protanomaly**  
5A93A0



**Deuteranomaly**  
5B92AA



**Tritanomaly**  
0C9DA9

# Monochromacy



**Original Color**  
039EA7



**Achromatopsia**  
717171



**Achromatomaly**  
498185

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 039EA7 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 #039EA7 looks like.

```
.text, #text, p{  
    color:#039EA7  
}
```

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 #039EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #039EA7
}
```

## Border

The CSS property to change the border of an element to Hex 039EA7 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
#039EA7 }
```

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

```
.border{ border-color:#039EA7 }
```

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

Here you see how a box with a 4 pixel #039EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #039EA7; -webkit-box-shadow:4px 4px  
4px 4px #039EA7; box-shadow:4px 4px 4px  
4px #039EA7 }
```

# Background

The CSS property to change the background color of an element to Hex 039EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#039EA7 }
```

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

```
.background{ background-color:#039EA7 }
```

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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