

# Converting Colors

Hex(039ABE)

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

<b>Hex(039ABE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(039ABE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	039ABE
RGB	3, 154, 190
RGB Percent	1%, 60%, 75%
CMY	0.9882, 0.3961, 0.2549
CMYK	0.98, 0.19, 0.00, 0.25
HSL	192°, 97%, 38%
HSV	192°, 98%, 75%
XYZ	20.8874, 26.8483, 52.7965
YIQ	112.9550, -101.5520, -20.8160

# Conversions

## Conversions Part 2

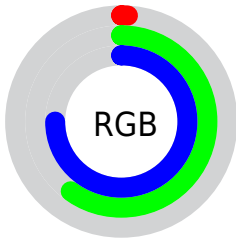
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 87, 190
Decimal	236222
CIELab	58.83, -20.83, -28.10
CIELCh	59, 34.979, 233.455
Yxy	26.8483, 0.2078, 0.2671
Android (android.graphics.Color)	4278426302 (0xFF039ABE)
YUV	112.9550, 37.9832, -96.4305
Hunter-Lab	51.8153, -18.7212, -24.1421

# Details

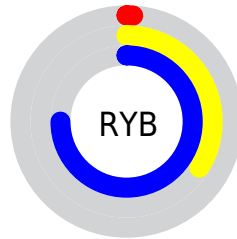
The Hex color **039ABE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BE2703**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **62D1F6**, and **006788** is the 20% darker color. If you saturate the color by 10%, you get **0099BE**, and if you desaturate by 10%, it is **169EBE**.

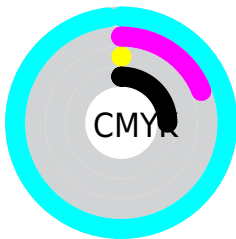
# Distribution



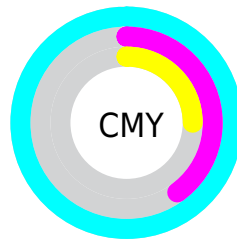
- Red (1%)
- Green (60%)
- Blue (75%)



- Red (1%)
- Yellow (34%)
- Blue (75%)



- Cyan (98%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (99%)
- Magenta (40%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



039ABE

039ABE

FFFFFF

0080A3

62D1F6

006788

81EDFF

004E6F

A0FFFF

003756

BEFFFF

00223F

DDFFFF

000329

FBFFFF

000113

000000

039ABE

039ABE

■ 0099BE

■ 169EBE

■ 29A1BE

■ 3CA5BE

■ 4FA9BE

■ 62ACBE

■ 75B0BE

■ 88B4BE

■ 9BB7BE

■ AEBBBE

# Harmonies

## Analogous

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



009EA5



039ABE



5393CA

# Triad

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



039ABE



C47696



899354

# Complementary

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



039ABE



BE2703

# 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.



A78950



039ABE



C97777

# Square

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



039ABE



AE7DB2



BE7F5D



659A68

# Rectangle

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



039ABE



778CC9



BE7F5D



949051

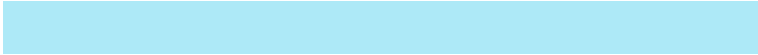


# Sweetspot

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



039ABE



ADE9F7



03BE25



50747D



FCFCFC



7D7D7D



# Same Dimension

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



039ABE



00C8F7



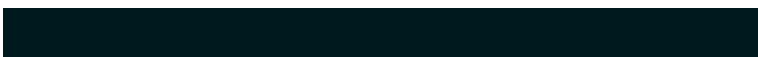
033EBE



555D5E



00809E



00191F



# Inverse Universe

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



BE039A



F700C8



BE8303



5E555D



9E0080



1F0019



# Previews

## White Background



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

## Color Contrast Check

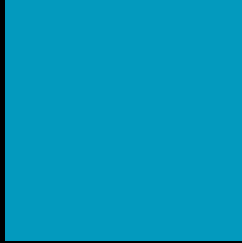
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 039ABE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

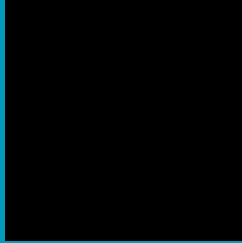
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 039ABE Background



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



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

# 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](#).

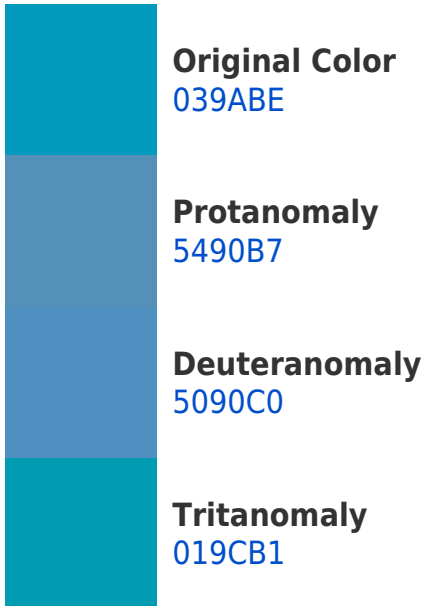
## Dichromacy



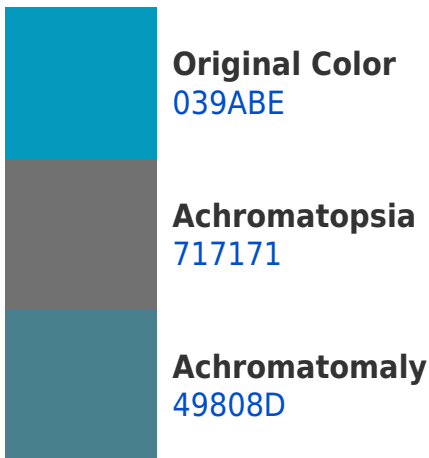


**Tritanopia**  
009DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #039ABE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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