

# Converting Colors

Hex(009ECA)

Have a look what the booklet for  
Hex(009ECA) contains.

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# Color

**Hex(009ECA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009ECA
RGB	0, 158, 202
RGB Percent	0%, 62%, 79%
CMY	1.0000, 0.3804, 0.2078
CMYK	1.00, 0.22, 0.00, 0.21
HSL	193°, 100%, 40%
HSV	193°, 100%, 79%
XYZ	22.8875, 28.7180, 60.2139
YIQ	115.7740, -108.2920, -19.8120

# Conversions

## Conversions Part 2

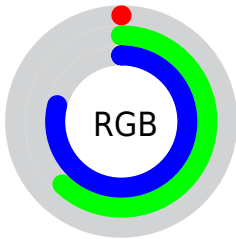
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 202
Decimal	40650
CIELab	60.53, -18.81, -32.21
CIELCh	61, 37.301, 239.717
Yxy	28.7180, 0.2047, 0.2568
Android (android.graphics.Color)	4278230730 (0xFF009ECA)
YUV	115.7740, 42.5094, -101.5338
Hunter-Lab	53.5892, -17.5450, -29.1071

# Details

The Hex color **009ECA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CA2C00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **64D5FF**, and **006B94** is the 20% darker color. If you saturate the color by 10%, you get **009ECA**, and if you desaturate by 10%, it is **14A2CA**.

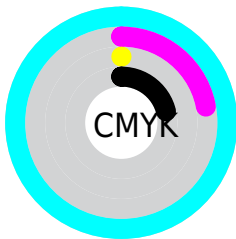
# Distribution



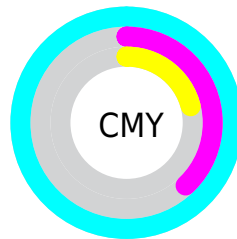
- Red (0%)
- Green (62%)
- Blue (79%)



- Red (0%)
- Yellow (35%)
- Blue (79%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (38%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009ECA 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 009ECA by changing the saturation by 10% instead.



 009ECA

 009ECA

FFFFFF

 0084AE

 64D5FF

 006B94

 84F1FF

 00527A

 A3FFFF

 003B61

 C2FFFF

 002549

 E0FFFF

 000832

 00021C

 000000

 009ECA

 14A2CA

 28A7CA

 3DABCA

 51B0CA

 65B4CA

 79B8CA

 8DBDCA

 A2C1CA

 B6C6CA

# Harmonies

## Analogous

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



00A3B1



009ECA



5E95D3

# Triad

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



009ECA



CF7894



859A57

# Complementary

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



009ECA



CA2C00

# 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.



A7904F



009ECA



D07B73

# Square

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



009ECA



BB7EB4



C1845A



5DA070

# Rectangle

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



009ECA



848ED0



C1845A



919753

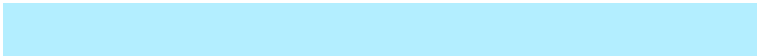


# Sweetspot

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



009ECA



B3EEFF



00CA2C



527680



000000



808080

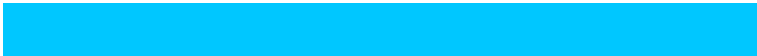


# Same Dimension

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



009ECA



00C7FF



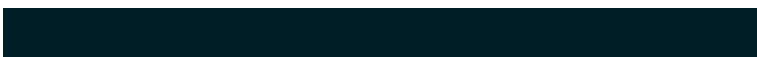
0039CA



5C6466



0082A6



001E26



# Inverse Universe

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



CA009E



FF00C7



CA9100



665C64



A60082



26001E



# Previews

## White Background



This preview shows how the Hex color 009ECA looks on a white background.

## Color Contrast Check

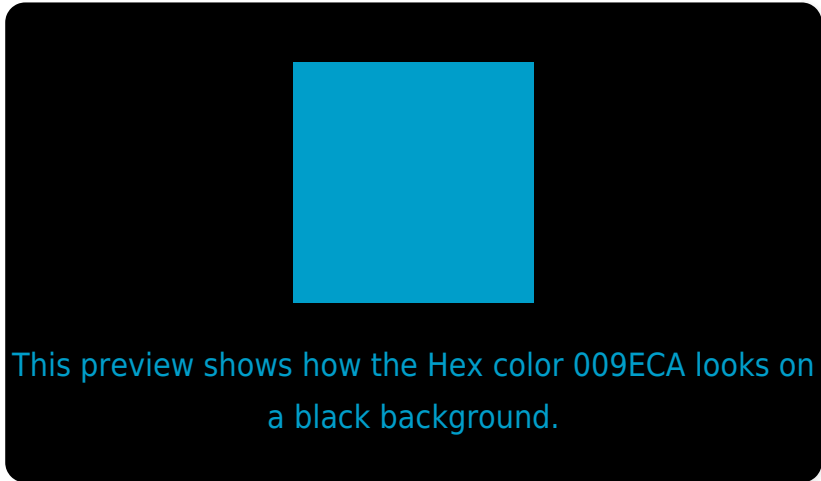
Large Text (above 18pt) WCAG AA ✓ Pass

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

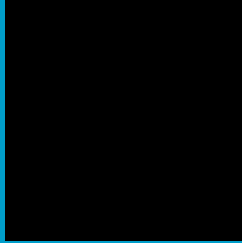
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009ECA Background



This preview shows how black text looks on a background with the Hex color 009ECA.



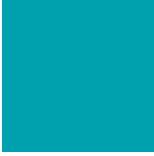
This preview shows how white text looks on a background with the Hex color 009ECA.

# 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](#).

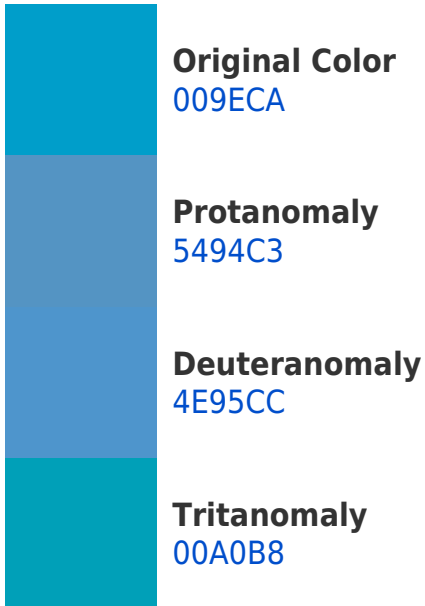
## Dichromacy





**Tritanopia**  
00A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009ECA 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 #009ECA looks like.

```
.text, #text, p{  
    color:#009ECA  
}
```

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 #009ECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009ECA
}
```

## Border

The CSS property to change the border of an element to Hex 009ECA 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
#009ECA }
```

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

```
.border{ border-color:#009ECA }
```

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

Here you see how a box with a 4 pixel #009ECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009ECA; -webkit-box-shadow:4px 4px  
4px 4px #009ECA; box-shadow:4px 4px 4px  
4px #009ECA }
```

# Background

The CSS property to change the background color of an element to Hex 009ECA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009ECA }
```

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

```
.background{ background-color:#009ECA }
```

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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