

Converting Colors

Hex(038CE9)

Have a look what the booklet for
Hex(038CE9) contains.

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Color

Hex(038CE9)

Conversions

Conversions Part 1

Format	Color
Hex	038CE9
RGB	3, 140, 233
RGB Percent	1%, 55%, 91%
CMY	0.9882, 0.4510, 0.0863
CMYK	0.99, 0.40, 0.00, 0.09
HSL	204°, 97%, 46%
HSV	204°, 99%, 91%
XYZ	24.1236, 24.6587, 80.5790
YIQ	109.6390, -111.5050, -0.1210

Conversions

Conversions Part 2

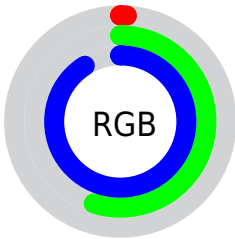
Format	Color
RYB	3, 89, 233
Decimal	232681
CIELab	56.74, 3.03, -55.49
CIELCh	57, 55.572, 273.126
Yxy	24.6587, 0.1865, 0.1906
Android (android.graphics.Color)	4278422761 (0xFF038CE9)
YUV	109.6390, 60.8170, -93.5224
Hunter-Lab	49.6575, -0.1855, -61.4492

Details

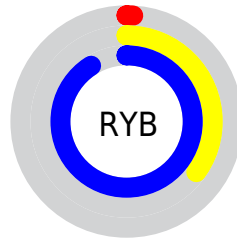
The Hex color **038CE9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E96003**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BC1FF**, and **005BB1** is the 20% darker color. If you saturate the color by 10%, you get **008BE9**, and if you desaturate by 10%, it is **1A95E9**.

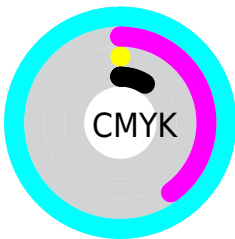
Distribution



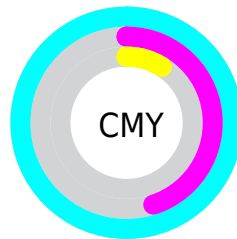
- Red (1%)
- Green (55%)
- Blue (91%)



- Red (1%)
- Yellow (35%)
- Blue (91%)



- Cyan (99%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (99%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038CE9 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 038CE9 by changing the saturation by 10% instead.

038CE9

038CE9

FFFFFF

0073CC

6BC1FF

005BB1

8CDDFF

004495

ACF9FF

002F7B

CBFFFF

001B62

EAffff

000949

000432

00011C

000000

■ 038CE9

■ 038CE9

■ 008BE9

■ 1A95E9

■ 329FE9

■ 49A8E9

■ 60B2E9

■ 78BBE9

■ 8FC5E9

■ A6CEE9

■ BDD7E9

■ D5E1E9

Harmonies

Analogous

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



0098DE



038CE9



9079DA

Triad

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



038CE9



DC6256



119C5A

Complementary

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



038CE9



E96003

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.



6B9430



038CE9



C3752F

Square

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



038CE9



DF5A85



9D871C



009F8C

Rectangle

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



038CE9



B86BC3



9D871C



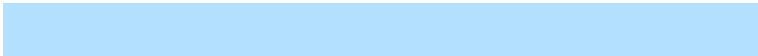
3E9A4B

Sweetspot

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



038CE9



B3E0FF



03E95F



526D80



000000



808080

Same Dimension

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



038CE9



0098FF



031AE9



6A7175



006CB5



002036

Inverse Universe

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



E9038C



FF0098



E9D203



756A71



B5006C



360020

Previews

White Background



This preview shows how the Hex color 038CE9 looks on a white background.

Color Contrast Check

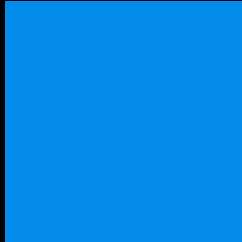
Large Text (above 18pt) WCAG AA ✓ Pass

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 038CE9 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

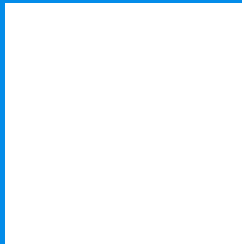
Any Text WCAG AAA × Fail

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

Hex 038CE9 Background



This preview shows how black text looks on a background with the Hex color 038CE9.



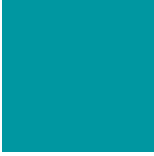
This preview shows how white text looks on a background with the Hex color 038CE9.

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](#).

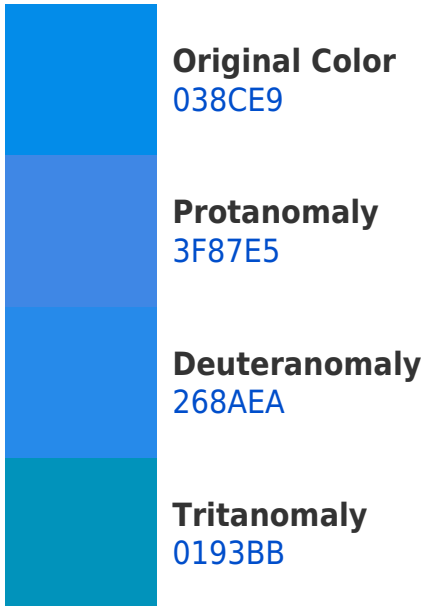
Dichromacy





Tritanopia
0097A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 038CE9 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 #038CE9 looks like.

```
.text, #text, p{  
    color:#038CE9  
}
```

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 #038CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038CE9
}
```

Border

The CSS property to change the border of an element to Hex 038CE9 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
#038CE9 }
```

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

```
.border{ border-color:#038CE9 }
```

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

Here you see how a box with a 4 pixel #038CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038CE9; -webkit-box-shadow:4px 4px  
4px 4px #038CE9; box-shadow:4px 4px 4px  
4px #038CE9 }
```

Background

The CSS property to change the background color of an element to Hex 038CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038CE9 }
```

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

```
.background{ background-color:#038CE9 }
```

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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