

Converting Colors

Hex(069EB9)

Have a look what the booklet for
Hex(069EB9) contains.

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Color

Hex(069EB9)

Conversions

Conversions Part 1

Format	Color
Hex	069EB9
RGB	6, 158, 185
RGB Percent	2%, 62%, 73%
CMY	0.9765, 0.3804, 0.2745
CMYK	0.97, 0.15, 0.00, 0.27
HSL	189°, 94%, 37%
HSV	189°, 97%, 73%
XYZ	21.0589, 27.9952, 50.1926
YIQ	115.6300, -99.2590, -23.8270

Conversions

Conversions Part 2

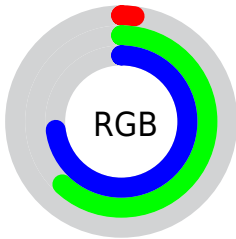
Format	Color
RYB	6, 88, 185
Decimal	433849
CIELab	59.88, -24.53, -23.66
CIElCh	60, 34.086, 223.964
Yxy	27.9952, 0.2122, 0.2821
Android (android.graphics.Color)	4278623929 (0xFF069EB9)
YUV	115.6300, 34.1994, -96.1455
Hunter-Lab	52.9105, -21.5486, -19.2071

Details

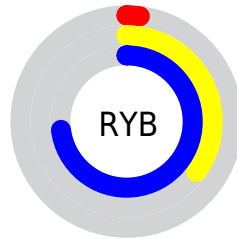
The Hex color **069EB9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B92106**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **62D5F1**, and **006A84** is the 20% darker color. If you saturate the color by 10%, you get **009DB9**, and if you desaturate by 10%, it is **18A1B9**.

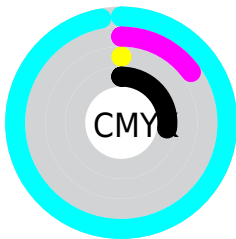
Distribution



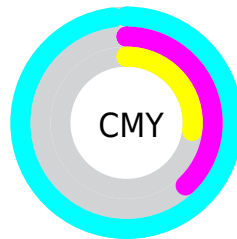
- Red (2%)
- Green (62%)
- Blue (73%)



- Red (2%)
- Yellow (35%)
- Blue (73%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (98%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069EB9 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 069EB9 by changing the saturation by 10% instead.

 069EB9

 069EB9

FFFFFF

 00849E

 62D5F1

 006A84

 81F1FF

 00526B

 A0FFFF

 003A52

 BEFFFF

 00253B

 DCFFFF

 000226

 FBFFFF

 00010F

 000000

 069EB9

 069EB9

■ 009DB9

■ 18A1B9

■ 2BA4B9

■ 3DA6B9

■ 50A9B9

■ 63ACB9

■ 75AFB9

■ 88B2B9

■ 9AB4B9

■ ADB7B9

Harmonies

Analogous

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



1FA09E



069EB9



4798C9

Triad

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



069EB9



C17BA2



969355

Complementary

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



069EB9



B92106

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.



B28957



069EB9



CB7983

Square

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



069EB9



A583BC



C57F68



759B64

Rectangle

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



069EB9



6B92CC



C57F68



A09054

Sweetspot

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



069EB9



AAE5F0



06B921



4E7278



F7F7F7



787878

Same Dimension

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



069EB9



00CCF0



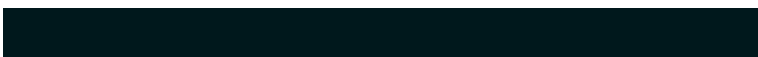
0645B9



535A5C



00849C



00181C

Inverse Universe

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



B9069E



F000CC



B97A06



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 069EB9 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 069EB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

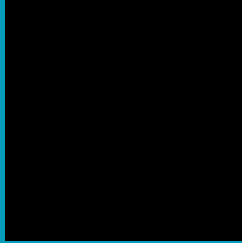
Any Text WCAG AA ✓ Pass

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 069EB9 Background



This preview shows how black text looks on a background with the Hex color 069EB9.

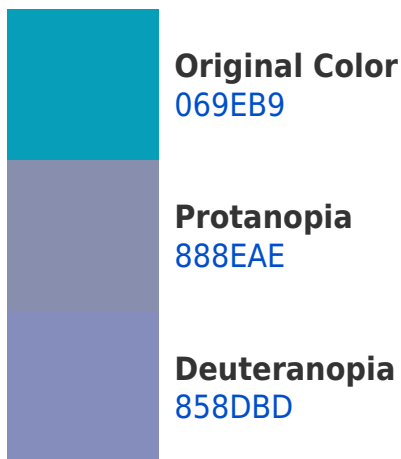


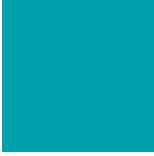
This preview shows how white text looks on a background with the Hex color 069EB9.

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
00A0AC

Trichromacy



Original Color
069EB9



Protanomaly
5994B2



Deuteranomaly
5793BC



Tritanomaly
029FB1

Monochromacy



Original Color
069EB9



Achromatopsia
747474



Achromatomaly
4C838D

CSS Examples

Text

The CSS property to change the color of the text to Hex 069EB9 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 #069EB9 looks like.

```
.text, #text, p{  
    color:#069EB9  
}
```

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 #069EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069EB9
}
```

Border

The CSS property to change the border of an element to Hex 069EB9 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
#069EB9 }
```

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

```
.border{ border-color:#069EB9 }
```

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

Here you see how a box with a 4 pixel #069EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069EB9; -webkit-box-shadow:4px 4px  
4px 4px #069EB9; box-shadow:4px 4px 4px  
4px #069EB9 }
```

Background

The CSS property to change the background color of an element to Hex 069EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069EB9 }
```

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

```
.background{ background-color:#069EB9 }
```

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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