

Converting Colors

Hex(069CB4)

Have a look what the booklet for
Hex(069CB4) contains.

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Color

Hex(069CB4)

Conversions

Conversions Part 1

Format	Color
Hex	069CB4
RGB	6, 156, 180
RGB Percent	2%, 61%, 71%
CMY	0.9765, 0.3882, 0.2941
CMYK	0.97, 0.13, 0.00, 0.29
HSL	188°, 94%, 36%
HSV	188°, 97%, 71%
XYZ	20.2018, 27.1109, 47.3482
YIQ	113.8860, -97.1040, -24.3360

Conversions

Conversions Part 2

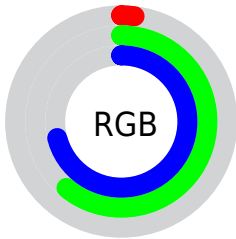
Format	Color
R _Y B	6, 87, 180
Decimal	433332
CIE Lab	59.08, -25.22, -22.08
CIE LCh	59, 33.516, 221.207
Yxy	27.1109, 0.2134, 0.2864
Android (android.graphics.Color)	4278623412 (0xFF069CB4)
YUV	113.8860, 32.5942, -94.6160
Hunter-Lab	52.0682, -21.8635, -17.4677

Details

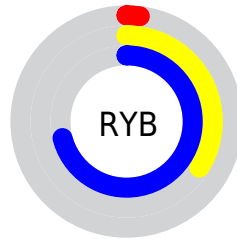
The Hex color **069CB4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B41E06**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **61D3EC**, and **00687F** is the 20% darker color. If you saturate the color by 10%, you get **009BB4**, and if you desaturate by 10%, it is **189EB4**.

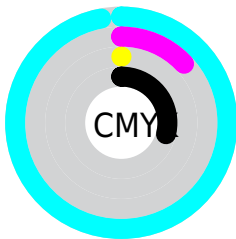
Distribution



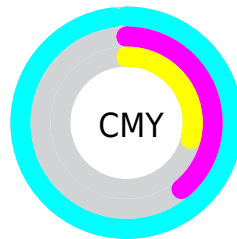
- Red (2%)
- Green (61%)
- Blue (71%)



- Red (2%)
- Yellow (34%)
- Blue (71%)



- Cyan (97%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)



- Cyan (98%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069CB4 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 069CB4 by changing the saturation by 10% instead.



069CB4



069CB4

FFFFFF



008299



61D3EC



00687F



80EFFF



005066



9EFFFF



00394E



BCFFFF



002437



DBFFFF



000222



F9FFFF



000008



000000



069CB4



069CB4

009BB4

189EB4

2AA1B4

3CA3B4

4EA6B4

60A8B4

72ABB4

84ADB4

96B0B4

A8B2B4

Harmonies

Analogous

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



259E99



069CB4



4196C5

Triad

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



069CB4



BC7AA2



979054

Complementary

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



069CB4



B41E06

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.



B18657



069CB4



C77784

Square

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



069CB4



A083BB



C37C69



769861

Rectangle

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



069CB4



6591C9



C37C69



A08D53

Sweetspot

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



069CB4



A7E1EB



06B41D



4C7075



F5F5F5



757575

Same Dimension

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



069CB4



00CAEB



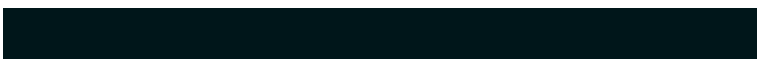
0646B4



505859



008499



00161A

Inverse Universe

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



B4069C



EB00CA



B47406



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color 069CB4 looks on a white background.

Color Contrast Check

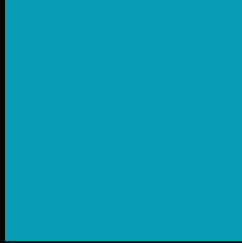
Large Text (above 18pt) WCAG AA ✓ Pass

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 069CB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

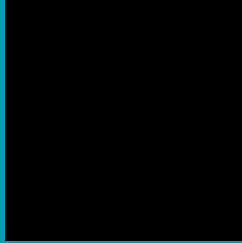
Any Text WCAG AA ✓ Pass

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 069CB4 Background



This preview shows how black text looks on a background with the Hex color 069CB4.

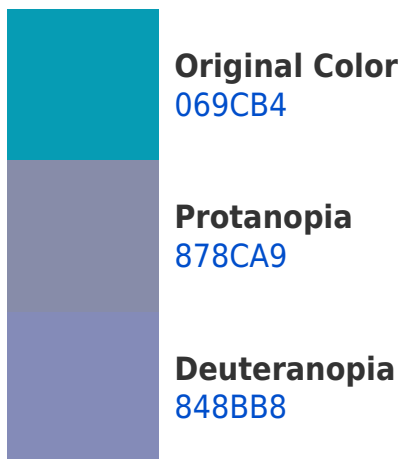


This preview shows how white text looks on a background with the Hex color 069CB4.

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
009DAA

Trichromacy



Original Color
069CB4



Protanomaly
5892AD



Deuteranomaly
5691B7



Tritanomaly
029DAE

Monochromacy



Original Color
069CB4



Achromatopsia
727272



Achromatomaly
4B818A

CSS Examples

Text

The CSS property to change the color of the text to Hex 069CB4 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 #069CB4 looks like.

```
.text, #text, p{  
    color:#069CB4  
}
```

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 #069CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069CB4
}
```

Border

The CSS property to change the border of an element to Hex 069CB4 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
#069CB4 }
```

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

```
.border{ border-color:#069CB4 }
```

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

Here you see how a box with a 4 pixel #069CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069CB4; -webkit-box-shadow:4px 4px  
4px 4px #069CB4; box-shadow:4px 4px 4px  
4px #069CB4 }
```

Background

The CSS property to change the background color of an element to Hex 069CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069CB4 }
```

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

```
.background{ background-color:#069CB4 }
```

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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