

# Converting Colors

Hex(0069C3)

Have a look what the booklet for  
Hex(0069C3) contains.

|  |    |
|--|----|
| <b>Hex(0069C3)</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(0069C3)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 0069C3                    |
| RGB         | 0, 105, 195               |
| RGB Percent | 0%, 41%, 76%              |
| CMY         | 1.0000, 0.5882, 0.2353    |
| CMYK        | 1.00, 0.46, 0.00, 0.24    |
| HSL         | 208°, 100%, 38%           |
| HSV         | 208°, 100%, 76%           |
| XYZ         | 14.9019, 14.0433, 53.5550 |
| YIQ         | 83.8650, -91.4700, 5.7300 |

# Conversions

## Conversions Part 2

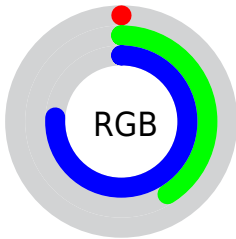
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 68, 195</a>                     |
| Decimal                             | <a href="#">27075</a>                          |
| CIELab                              | <a href="#">44.29, 9.72, -53.92</a>            |
| CIELCh                              | <a href="#">44, 54.786, 280.218</a>            |
| Yxy                                 | <a href="#">14.0433, 0.1806,<br/>0.1702</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4278217155<br/>(0xFF0069C3)</a>    |
| YUV                                 | <a href="#">83.8650, 54.7896,<br/>-73.5496</a> |
| Hunter-Lab                          | <a href="#">37.4744, 5.4014,<br/>-58.4998</a>  |

# Details

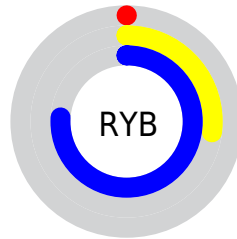
The Hex color **0069C3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C35A00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **609CFC**, and **003B8D** is the 20% darker color. If you saturate the color by 10%, you get **0069C3**, and if you desaturate by 10%, it is **1372C3**.

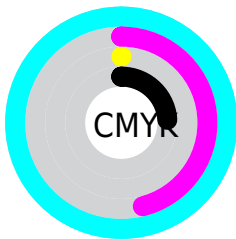
# Distribution



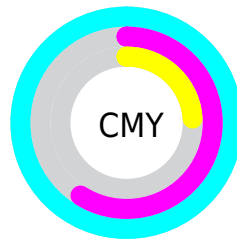
- Red (0%)
- Green (41%)
- Blue (76%)



- Red (0%)
- Yellow (27%)
- Blue (76%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (59%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0069C3 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 0069C3 by changing the saturation by 10% instead.



 0069C3

 0069C3

FFFFFF

 0051A7

 609CFC

 003B8D

 80B6FF

 002672

 9ED2FF

 001259

 BCEEFF

 000741

 DBFFFF

 00032A

 F9FFFF

 000114

 000000

 0069C3

 1372C3

 277BC3

 3B84C3

 4E8DC3

 6296C3

 759FC3

 88A8C3

 9CB1C3

 B0BAC3

# Harmonies

## Analogous

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



0076BF



0069C3



7E55AF

# Triad

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



0069C3



B14730



007C48

# Complementary

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



0069C3



C35A00

# 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.



3D761A



0069C3



965B04

# Square

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



0069C3



BA395B



706C00



007E78

# Rectangle

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



0069C3



9F4697



706C00



007A39

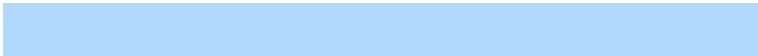


# Sweetspot

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



0069C3



B1D9FC



00C358



526A80



000000



808080



# Same Dimension

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



0069C3



0088FC



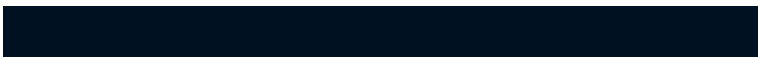
000AC3



575C61



0057A1



001221



# Inverse Universe

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



C30069



FC0088



C3B900



61575C



A10057



210012



# Previews

## White Background



This preview shows how the Hex color 0069C3 looks on a white background.

## Color Contrast Check

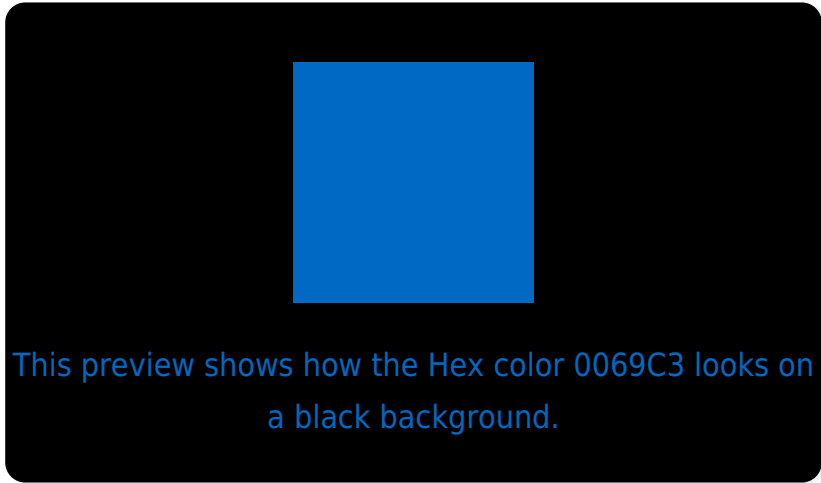
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

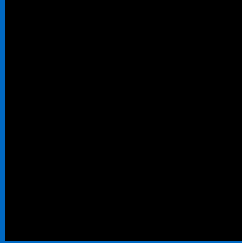
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0069C3 Background



This preview shows how black text looks on a background with the Hex color 0069C3.



This preview shows how white text looks on a background with the Hex color 0069C3.

# 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**  
00747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0069C3 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 #0069C3 looks like.

```
.text, #text, p{  
    color:#0069C3  
}
```

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 #0069C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0069C3
}
```

## Border

The CSS property to change the border of an element to Hex 0069C3 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
#0069C3 }
```

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

```
.border{ border-color:#0069C3 }
```

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

Here you see how a box with a 4 pixel #0069C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0069C3; -webkit-box-shadow:4px 4px  
4px 4px #0069C3; box-shadow:4px 4px 4px  
4px #0069C3 }
```

# Background

The CSS property to change the background color of an element to Hex 0069C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0069C3 }
```

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

```
.background{ background-color:#0069C3 }
```

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