

Converting Colors

Hex(0069C6)

Have a look what the booklet for
Hex(0069C6) contains.

Hex(0069C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0069C6)

Conversions

Conversions Part 1

Format	Color
Hex	0069C6
RGB	0, 105, 198
RGB Percent	0%, 41%, 78%
CMY	1.0000, 0.5882, 0.2235
CMYK	1.00, 0.47, 0.00, 0.22
HSL	208°, 100%, 39%
HSV	208°, 100%, 78%
XYZ	15.2446, 14.1804, 55.3597
YIQ	84.2070, -92.4330, 6.6630

Conversions

Conversions Part 2

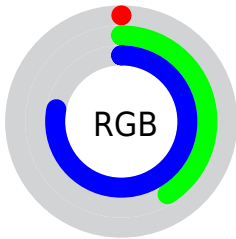
Format	Color
RYB	0, 69, 198
Decimal	27078
CIELab	44.49, 10.93, -55.33
CIELCh	44, 56.402, 281.171
Yxy	14.1804, 0.1798, 0.1673
Android (android.graphics.Color)	4278217158 (0xFF0069C6)
YUV	84.2070, 56.0999, -73.8495
Hunter-Lab	37.6568, 6.3627, -60.8031

Details

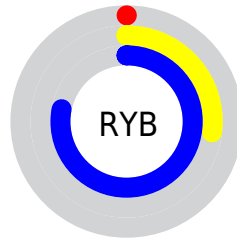
The Hex color **0069C6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C65D00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **619CFF**, and **003B8F** is the 20% darker color. If you saturate the color by 10%, you get **0069C6**, and if you desaturate by 10%, it is **1472C6**.

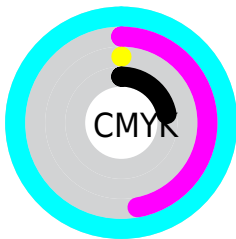
Distribution



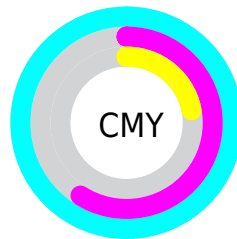
- Red (0%)
- Green (41%)
- Blue (78%)



- Red (0%)
- Yellow (27%)
- Blue (78%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (59%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0069C6 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 0069C6 by changing the saturation by 10% instead.

 0069C6

 0069C6

FFFFFF

 0051AA

 619CFF

 003B8F

 81B6FF

 002775

 9FD2FF

 00135C

 BEEEFF

 000743

 DCFFFF

 00032C

 FBFFFF

 000117

 000000

 0069C6

 1472C6

 287CC6

 3B85C6

 4F8EC6

 6398C6

 77A1C6

 8BAAC6

 9EB3C6

 B2BDC6

Harmonies

Analogous

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



0077C2



0069C6



8154B1

Triad

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



0069C6



B3472D



007D49

Complementary

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



0069C6



C65D00

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.



397719



0069C6



975C00

Square

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



0069C6



BC375A



6F6D00



007F7A

Rectangle

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



0069C6



A24597



6F6D00



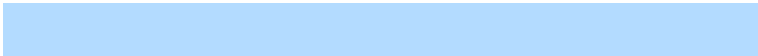
007B39

Sweetspot

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



0069C6



B3DBFF



00C65C



526A80



000000



808080

Same Dimension

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



0069C6



0087FF



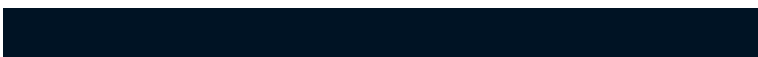
0007C6



5A5F63



0057A3



001324

Inverse Universe

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



C60069



FF0087



C6BF00



635A5F



A30057



240013

Previews

White Background



This preview shows how the Hex color 0069C6 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



This preview shows how the Hex color 0069C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

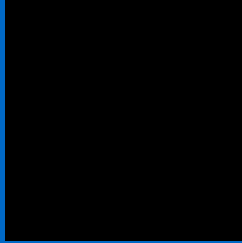
Any Text WCAG AA × Fail

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 0069C6 Background



This preview shows how black text looks on a background with the Hex color 0069C6.



This preview shows how white text looks on a background with the Hex color 0069C6.

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
00757C

Trichromacy



Original Color
0069C6

Protanomaly
2467C4

Deuteranomaly
006AC0

Tritanomaly
007197

Monochromacy



Original Color
0069C6

Achromatopsia
545454

Achromatomaly
355C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0069C6 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 #0069C6 looks like.

```
.text, #text, p{  
    color:#0069C6  
}
```

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 #0069C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0069C6
}
```

Border

The CSS property to change the border of an element to Hex 0069C6 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
#0069C6 }
```

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

```
.border{ border-color:#0069C6 }
```

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

Here you see how a box with a 4 pixel #0069C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0069C6; -webkit-box-shadow:4px 4px  
4px 4px #0069C6; box-shadow:4px 4px 4px  
4px #0069C6 }
```

Background

The CSS property to change the background color of an element to Hex 0069C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0069C6 }
```

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

```
.background{ background-color:#0069C6 }
```

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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