

Converting Colors

Hex(0069DD)

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

Hex(0069DD)	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(0069DD)

Conversions

Conversions Part 1

Format	Color
Hex	0069DD
RGB	0, 105, 221
RGB Percent	0%, 41%, 87%
CMY	1.0000, 0.5882, 0.1333
CMYK	1.00, 0.52, 0.00, 0.13
HSL	211°, 100%, 43%
HSV	211°, 100%, 87%
XYZ	18.1027, 15.3236, 70.4102
YIQ	86.8290, -99.8160, 13.8160

Conversions

Conversions Part 2

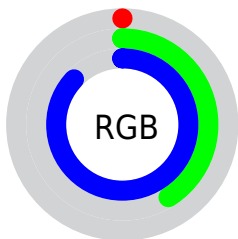
Format	Color
RYB	0, 71, 221
Decimal	27101
CIELab	46.07, 20.12, -65.93
CIELCh	46, 68.926, 286.968
Yxy	15.3236, 0.1743, 0.1476
Android (android.graphics.Color)	4278217181 (0xFF0069DD)
YUV	86.8290, 66.1463, -76.1490
Hunter-Lab	39.1454, 14.0426, -79.2423

Details

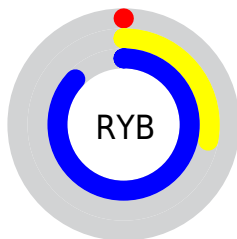
The Hex color **0069DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DD7400**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **689BFF**, and **003BA5** is the 20% darker color. If you saturate the color by 10%, you get **0069DD**, and if you desaturate by 10%, it is **1675DD**.

Distribution



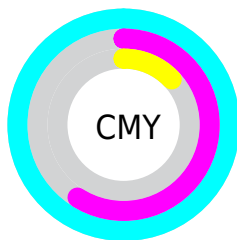
- Red (0%)
- Green (41%)
- Blue (87%)



- Red (0%)
- Yellow (28%)
- Blue (87%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 0069DD

 0069DD

FFFFFF

 0051C1

 689BFF

 003BA5

 89B6FF

 00278A

 A8D1FF

 001570

 C7EEFF

 000A56

 E6FFFF

 00063E

 000327

 000111

 000000

 0069DD

 1675DD

 2C80DD

 428CDD

 5897DD

 6FA3DD

 85AFDD

 9BBADD

 B1C6DD

 C7D1DD

Harmonies

Analogous

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



007BDF



0069DD



974BBD

Triad

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



0069DD



BF4516



008451

Complementary

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



0069DD



DD7400

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.



077F0D



0069DD



996100

Square

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



0069DD



D0244F



667400



00868D

Rectangle

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



0069DD



BB349C



667400



00833D

Sweetspot

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



0069DD



B3D7FF



00DD72



526780



000000



808080

Same Dimension

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



0069DD



0079FF



0400DD



63686E



0052AD



00162E

Inverse Universe

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



DD0069



FF0079



D9DD00



6E6368



AD0052



2E0016

Previews

White Background



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

Color Contrast Check

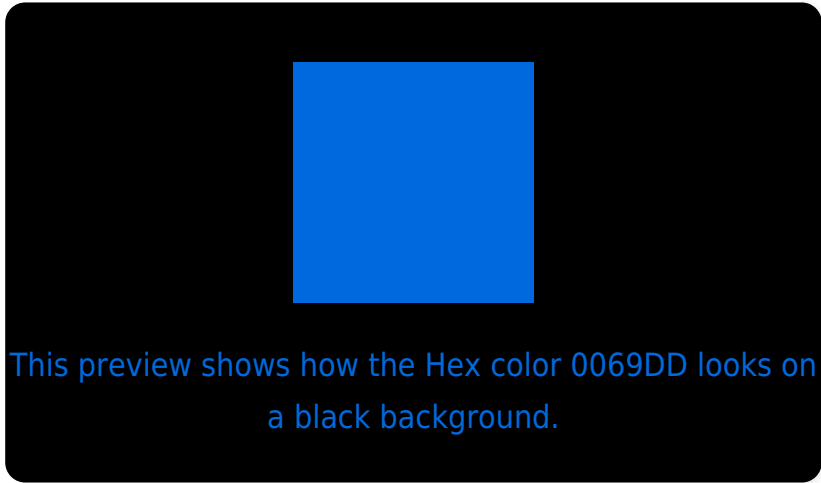
Large Text (above 18pt) WCAG AA ✓ Pass

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

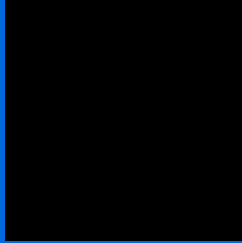
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

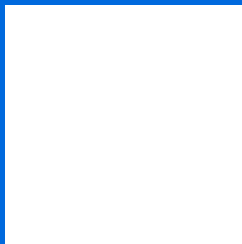
Any Text WCAG AAA × Fail

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

Hex 0069DD Background



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



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

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](#).

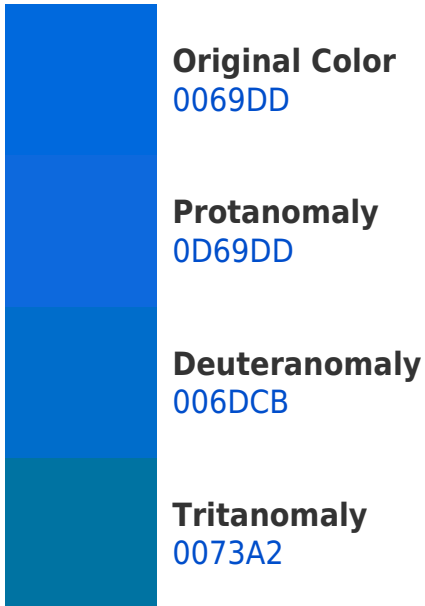
Dichromacy





Tritanopia
007980

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0069DD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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