

Converting Colors

Hex(0069DB)

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

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Color

Hex(0069DB)

Conversions

Conversions Part 1

Format	Color
Hex	0069DB
RGB	0, 105, 219
RGB Percent	0%, 41%, 86%
CMY	1.0000, 0.5882, 0.1412
CMYK	1.00, 0.52, 0.00, 0.14
HSL	211°, 100%, 43%
HSV	211°, 100%, 86%
XYZ	17.8378, 15.2176, 69.0150
YIQ	86.6010, -99.1740, 13.1940

Conversions

Conversions Part 2

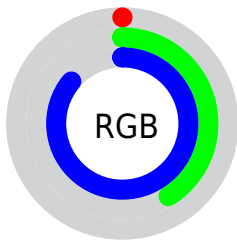
Format	Color
RYB	0, 71, 219
Decimal	27099
CIELab	45.93, 19.32, -65.02
CIELCh	46, 67.834, 286.551
Yxy	15.2176, 0.1748, 0.1491
Android (android.graphics.Color)	4278217179 (0xFF0069DB)
YUV	86.6010, 65.2727, -75.9491
Hunter-Lab	39.0098, 13.3545, -77.5873

Details

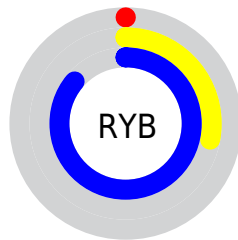
The Hex color **0069DB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DB7200**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **679BFF**, and **003BA3** is the 20% darker color. If you saturate the color by 10%, you get **0069DB**, and if you desaturate by 10%, it is **1674DB**.

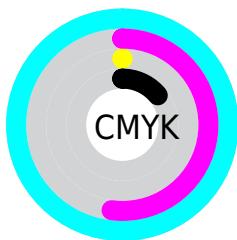
Distribution



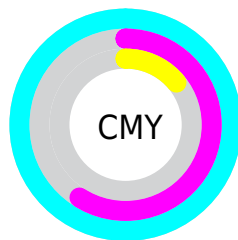
- Red (0%)
- Green (41%)
- Blue (86%)



- Red (0%)
- Yellow (28%)
- Blue (86%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 0069DB

 0069DB

FFFFFF

 0051BF

 679BFF

 003BA3

 88B6FF

 002788

 A7D1FF

 00156E

 C6EEFF

 000A55

 E5FFFF

 00063D

 000226

 00010F

 000000

 0069DB

 1674DB

 2C80DB

 428BDB

 5897DB

 6EA2DB

 83ADDB

 99B9DB

 AFC4DB

 C5D0DB

Harmonies

Analogous

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



007BDC



0069DB



954CBC

Triad

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



0069DB



BE4518



008450

Complementary

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



0069DB



DB7200

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.



117F0F



0069DB



996100

Square

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



0069DB



CF2650



677400



00858C

Rectangle

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



0069DB



B9359B



677400



00833C

Sweetspot

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



0069DB



B3D7FF



00DB71



526880



000000



808080

Same Dimension

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



0069DB



007AFF



0400DB



63686E



0053AD



00162E

Inverse Universe

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



DB0069



FF007A



D7DB00



6E6368



AD0053



2E0016

Previews

White Background



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

Color Contrast Check

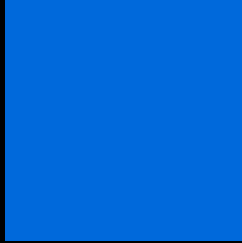
Large Text (above 18pt) WCAG AA ✓ Pass

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 0069DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

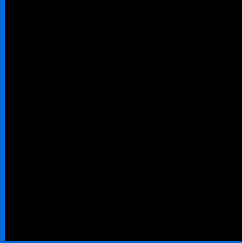
Any Text WCAG AA × Fail

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 0069DB Background



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

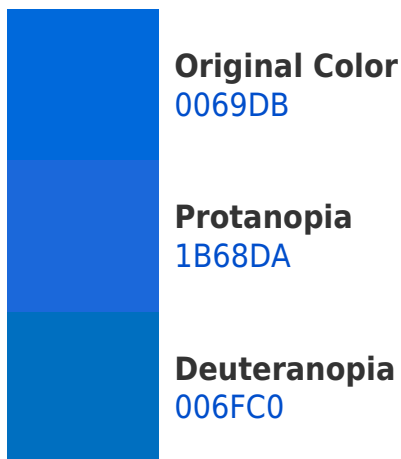


This preview shows how white text looks on a background with the Hex color 0069DB.

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
007880

Trichromacy



Original Color
0069DB

Protanomaly
1168DA

Deuteranomaly
006DCA

Tritanomaly
0073A1

Monochromacy



Original Color
0069DB

Achromatopsia
575757

Achromatomaly
375E87

CSS Examples

Text

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

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

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 #0069DB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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