

Converting Colors

Hex(0069D5)

Have a look what the booklet for
Hex(0069D5) contains.

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Color

Hex(0069D5)

Conversions

Conversions Part 1

Format	Color
Hex	0069D5
RGB	0, 105, 213
RGB Percent	0%, 41%, 84%
CMY	1.0000, 0.5882, 0.1647
CMYK	1.00, 0.51, 0.00, 0.16
HSL	210°, 100%, 42%
HSV	210°, 100%, 84%
XYZ	17.0618, 14.9072, 64.9289
YIQ	85.9170, -97.2480, 11.3280

Conversions

Conversions Part 2

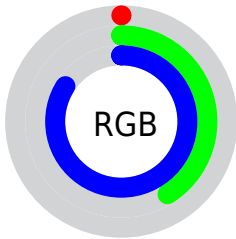
Format	Color
RYB	0, 70, 213
Decimal	27093
CIELab	45.51, 16.94, -62.29
CIElCh	46, 64.556, 285.211
Yxy	14.9072, 0.1761, 0.1538
Android (android.graphics.Color)	4278217173 (0xFF0069D5)
YUV	85.9170, 62.6519, -75.3492
Hunter-Lab	38.6099, 11.3123, -72.6790

Details

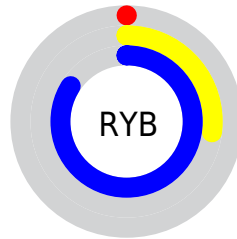
The Hex color **0069D5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D56C00**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **659BFF**, and **003B9D** is the 20% darker color. If you saturate the color by 10%, you get **0069D5**, and if you desaturate by 10%, it is **1574D5**.

Distribution



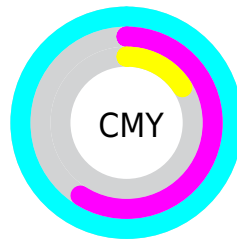
- Red (0%)
- Green (41%)
- Blue (84%)



- Red (0%)
- Yellow (27%)
- Blue (84%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0069D5 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 0069D5 by changing the saturation by 10% instead.

 0069D5

 0069D5

FFFFFF

 0051B9

 659BFF

 003B9D

 86B6FF

 002783

 A5D1FF

 001569

 C4EEFF

 000A50

 E3FFFF

 000538

 000221

 000007

 000000

 0069D5

 1574D5

 2B7FD5

 4089D5

 5594D5

 6B9FD5

 80AAD5

 95B5D5

 AABFD5

 C0CAD5

Harmonies

Analogous

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



007AD5



0069D5



8F4FB9

Triad

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



0069D5



BB451F



00824E

Complementary

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



0069D5



D56C00

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.



227C12



0069D5



985F00

Square

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



0069D5



CA2C53



697200



008387

Rectangle

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



0069D5



B23A9A



697200



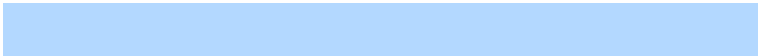
00803B

Sweetspot

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



0069D5



B3D8FF



00D56B



526880



000000



808080

Same Dimension

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



0069D5



007EFF



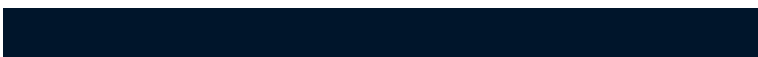
0000D5



60666B



0054AB



00152B

Inverse Universe

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



D50069



FF007E



D5D500



6B6066



AB0054



2B0015

Previews

White Background



This preview shows how the Hex color 0069D5 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 0069D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

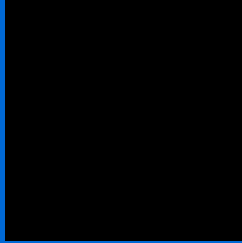
Any Text WCAG AA × Fail

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 0069D5 Background



This preview shows how black text looks on a background with the Hex color 0069D5.

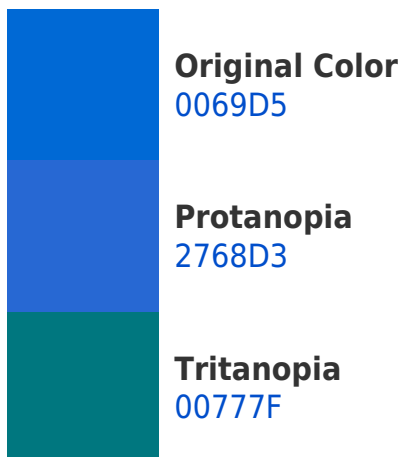


This preview shows how white text looks on a background with the Hex color 0069D5.

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



Trichromacy



Original Color
0069D5

Protanomaly
1968D4

Tritanomaly
00729E

Monochromacy



Original Color
0069D5

Achromatopsia
565656

Achromatomaly
375D84

CSS Examples

Text

The CSS property to change the color of the text to Hex 0069D5 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 #0069D5 looks like.

```
.text, #text, p{  
    color:#0069D5  
}
```

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 #0069D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0069D5
}
```

Border

The CSS property to change the border of an element to Hex 0069D5 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
#0069D5 }
```

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

```
.border{ border-color:#0069D5 }
```

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

Here you see how a box with a 4 pixel #0069D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0069D5; -webkit-box-shadow:4px 4px  
4px 4px #0069D5; box-shadow:4px 4px 4px  
4px #0069D5 }
```

Background

The CSS property to change the background color of an element to Hex 0069D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0069D5 }
```

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

```
.background{ background-color:#0069D5 }
```

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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