

Converting Colors

Hex(0068D8)

Have a look what the booklet for
Hex(0068D8) contains.

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Color

Hex(0068D8)

Conversions

Conversions Part 1

Format	Color
Hex	0068D8
RGB	0, 104, 216
RGB Percent	0%, 41%, 85%
CMY	1.0000, 0.5922, 0.1529
CMYK	1.00, 0.52, 0.00, 0.15
HSL	211°, 100%, 42%
HSV	211°, 100%, 85%
XYZ	17.3450, 14.8585, 66.9195
YIQ	85.6720, -97.9360, 12.7840

Conversions

Conversions Part 2

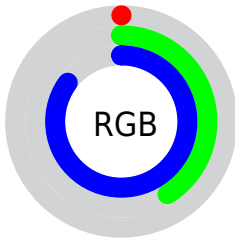
Format	Color
RYB	0, 70, 216
Decimal	26840
CIELab	45.44, 18.78, -64.11
CIELCh	45, 66.807, 286.326
Yxy	14.8585, 0.1750, 0.1499
Android (android.graphics.Color)	4278216920 (0xFF0068D8)
YUV	85.6720, 64.2517, -75.1343
Hunter-Lab	38.5467, 12.8634, -75.9485

Details

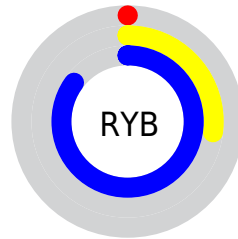
The Hex color **0068D8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D87000**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **669AFF**, and **003AA0** is the 20% darker color. If you saturate the color by 10%, you get **0068D8**, and if you desaturate by 10%, it is **1673D8**.

Distribution



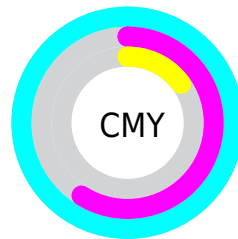
- Red (0%)
- Green (41%)
- Blue (85%)



- Red (0%)
- Yellow (27%)
- Blue (85%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (59%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0068D8 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 0068D8 by changing the saturation by 10% instead.

0068D8

0068D8

FFFFFF

0050BC

669AFF

003AA0

87B5FF

002685

A6D0FF

00146B

C5ECFF

000B52

E4FFFF

00053A

000224

00000B

000000

■ 0068D8

■ 1673D8

■ 2B7ED8

■ 418AD8

■ 5695D8

■ 6CA0D8

■ 82ABD8

■ 97B6D8

■ ADC2D8

■ C2CDD8

Harmonies

Analogous

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



007AD9



0068D8



934CBA

Triad

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



0068D8



BB4419



00824F

Complementary

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



0068D8



D87000

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.



147D0F



0068D8



976000

Square

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



0068D8



CC2750



667200



008489

Rectangle

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



0068D8



B6369A



667200



00813C

Sweetspot

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



0068D8



B3D7FF



00D870



526880



000000



808080

Same Dimension

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



0068D8



007BFF



0400D8



60666B



0052AB



00152B

Inverse Universe

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



D80068



FF007B



D4D800



6B6066



AB0052



2B0015

Previews

White Background



This preview shows how the Hex color 0068D8 looks on a white background.

Color Contrast Check

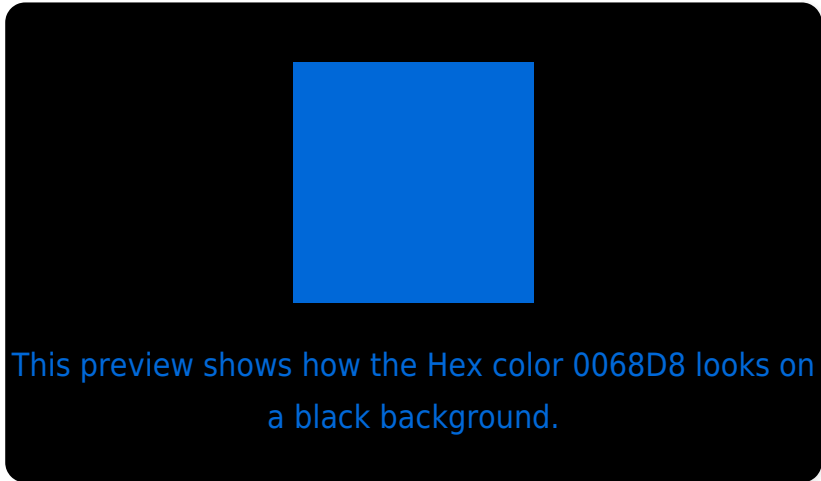
Large Text (above 18pt) WCAG AA ✓ Pass

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

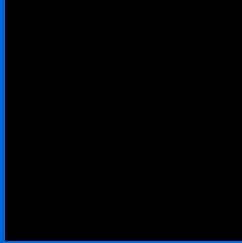
Any Text WCAG AA × Fail

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 0068D8 Background



This preview shows how black text looks on a background with the Hex color 0068D8.



This preview shows how white text looks on a background with the Hex color 0068D8.

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
00777F

Trichromacy



Original Color
0068D8

Protanomaly
1267D7

Deuteranomaly
006CC7

Tritanomaly
00729F

Monochromacy



Original Color
0068D8

Achromatopsia
565656

Achromatomaly
375D85

CSS Examples

Text

The CSS property to change the color of the text to Hex 0068D8 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 #0068D8 looks like.

```
.text, #text, p{  
    color:#0068D8  
}
```

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 #0068D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0068D8  
}
```

Border

The CSS property to change the border of an element to Hex 0068D8 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  
#0068D8 }
```

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

```
.border{ border-color:#0068D8 }
```

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

Here you see how a box with a 4 pixel #0068D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0068D8; -webkit-box-shadow:4px 4px  
4px 4px #0068D8; box-shadow:4px 4px 4px  
4px #0068D8 }
```

Background

The CSS property to change the background color of an element to Hex 0068D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0068D8 }
```

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

```
.background{ background-color:#0068D8 }
```

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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