

Converting Colors

Hex(0072D3)

Have a look what the booklet for
Hex(0072D3) contains.

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Color

Hex(0072D3)

Conversions

Conversions Part 1

Format	Color
Hex	0072D3
RGB	0, 114, 211
RGB Percent	0%, 45%, 83%
CMY	1.0000, 0.5529, 0.1725
CMYK	1.00, 0.46, 0.00, 0.17
HSL	208°, 100%, 41%
HSV	208°, 100%, 83%
XYZ	17.7752, 16.7378, 63.9219
YIQ	90.9720, -99.0810, 5.9990

Conversions

Conversions Part 2

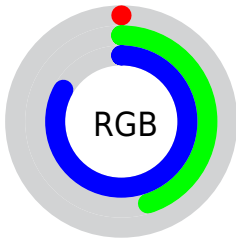
Format	Color
RYB	0, 74, 211
Decimal	29395
CIELab	47.93, 10.38, -57.25
CIELCh	48, 58.179, 280.278
Yxy	16.7378, 0.1806, 0.1700
Android (android.graphics.Color)	4278219475 (0xFF0072D3)
YUV	90.9720, 59.1738, -79.7824
Hunter-Lab	40.9118, 5.9582, -63.9982

Details

The Hex color **0072D3** 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 **D36100**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **64A5FF**, and **00439C** is the 20% darker color. If you saturate the color by 10%, you get **0072D3**, and if you desaturate by 10%, it is **157CD3**.

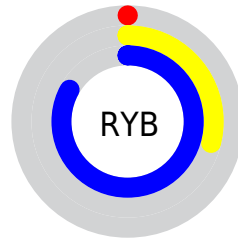
Distribution



Red (0%)

Green (45%)

Blue (83%)



Red (0%)

Yellow (29%)

Blue (83%)

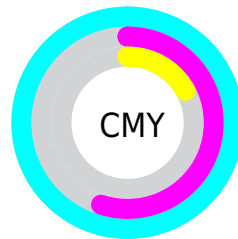


Cyan (100%)

Magenta (46%)

Yellow (0%)

Black (17%)



Cyan (100%)

Magenta (55%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0072D3 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 0072D3 by changing the saturation by 10% instead.

0072D3

0072D3

FFFFFF

005AB7

64A5FF

00439C

85C0FF

002E81

A4DCFF

001B67

C3F8FF

00094F

E1FFFF

000537

000220

000005

000000

■ 0072D3

■ 157CD3

■ 2A85D3

■ 3F8FD3

■ 5499D3

■ 6AA2D3

■ 7FACD3

■ 94B6D3

■ A9C0D3

■ BEC9D3

Harmonies

Analogous

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



0080CE



0072D3



895DBD

Triad

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



0072D3



BF4D34



00864F

Complementary

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



0072D3



D36100

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.



42801D



0072D3



A36304

Square

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



0072D3



C93E63



797500



008882

Rectangle

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



0072D3



AC4DA3



797500



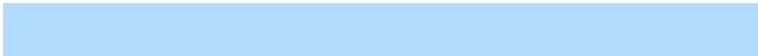
00853E

Sweetspot

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



0072D3



B3DCFF



00D35F



526A80



000000



808080

Same Dimension

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



0072D3



008AFF



000BD3



5E6469



005BA8



001629

Inverse Universe

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



D30072



FF008A



D3C800



695E64



A8005B



290016

Previews

White Background



This preview shows how the Hex color 0072D3 looks on a white background.

Color Contrast Check

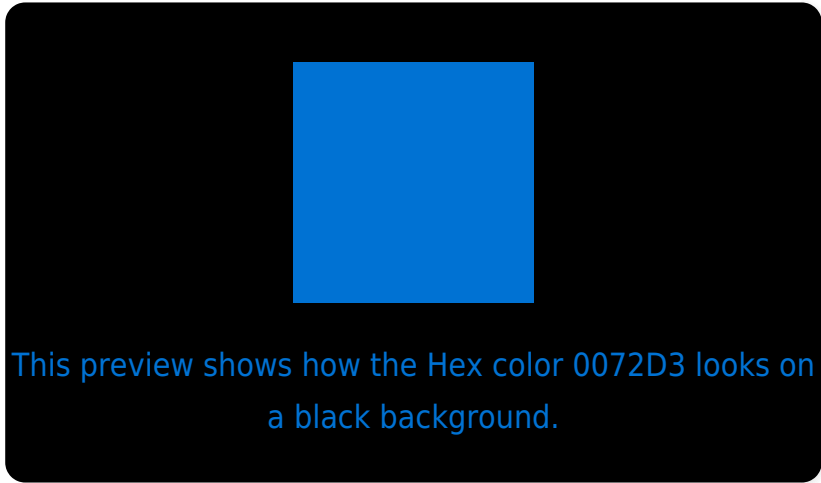
Large Text (above 18pt) WCAG AA ✓ Pass

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

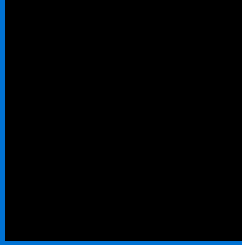
Any Text WCAG AA × Fail

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 0072D3 Background



This preview shows how black text looks on a background with the Hex color 0072D3.



This preview shows how white text looks on a background with the Hex color 0072D3.

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
007E86

Trichromacy



Original Color
0072D3

Protanomaly
296FD0

Deuteranomaly
0073CE

Tritanomaly
007AA2

Monochromacy



Original Color
0072D3

Achromatopsia
5B5B5B

Achromatomaly
3A6387

CSS Examples

Text

The CSS property to change the color of the text to Hex 0072D3 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 #0072D3 looks like.

```
.text, #text, p{  
    color:#0072D3  
}
```

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 #0072D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072D3
}
```

Border

The CSS property to change the border of an element to Hex 0072D3 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
#0072D3 }
```

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

```
.border{ border-color:#0072D3 }
```

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

Here you see how a box with a 4 pixel #0072D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072D3; -webkit-box-shadow:4px 4px  
4px 4px #0072D3; box-shadow:4px 4px 4px  
4px #0072D3 }
```

Background

The CSS property to change the background color of an element to Hex 0072D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072D3 }
```

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

```
.background{ background-color:#0072D3 }
```

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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