

Converting Colors

Hex(0073D1)

Have a look what the booklet for
Hex(0073D1) contains.

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Color

Hex(0073D1)

Conversions

Conversions Part 1

Format	Color
Hex	0073D1
RGB	0, 115, 209
RGB Percent	0%, 45%, 82%
CMY	1.0000, 0.5490, 0.1804
CMYK	1.00, 0.45, 0.00, 0.18
HSL	207°, 100%, 41%
HSV	207°, 100%, 82%
XYZ	17.6394, 16.8649, 62.6472
YIQ	91.3310, -98.7140, 4.8540

Conversions

Conversions Part 2

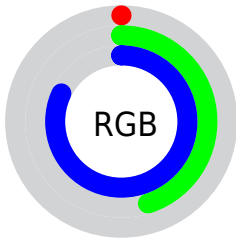
Format	Color
RYB	0, 74, 209
Decimal	29649
CIELab	48.09, 8.95, -55.85
CIELCh	48, 56.560, 279.109
Yxy	16.8649, 0.1816, 0.1736
Android (android.graphics.Color)	4278219729 (0xFF0073D1)
YUV	91.3310, 58.0108, -80.0973
Hunter-Lab	41.0669, 4.8035, -61.6994

Details

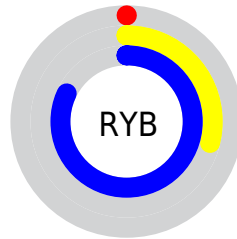
The Hex color **0073D1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D15E00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64A6FF**, and **00449A** is the 20% darker color. If you saturate the color by 10%, you get **0073D1**, and if you desaturate by 10%, it is **157CD1**.

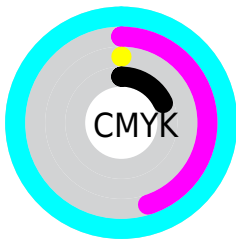
Distribution



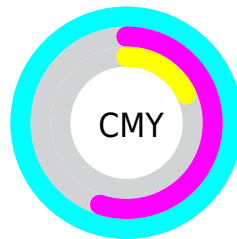
- Red (0%)
- Green (45%)
- Blue (82%)



- Red (0%)
- Yellow (29%)
- Blue (82%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (55%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0073D1 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 0073D1 by changing the saturation by 10% instead.

0073D1

0073D1

FFFFFF

005BB5

64A6FF

00449A

84C1FF

002F7F

A3DDFF

001C66

C2F9FF

00094D

E0FFFF

000535

00021F

000002

000000

■ 0073D1

■ 157CD1

■ 2A86D1

■ 3F8FD1

■ 5499D1

■ 69A2D1

■ 7DABD1

■ 92B5D1

■ A7BED1

■ BCC8D1

Harmonies

Analogous

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



0080CB



0073D1



865FBD

Triad

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



0073D1



BF4E38



00864E

Complementary

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



0073D1



D15E00

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.



47801F



0073D1



A4630D

Square

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



0073D1



C74166



7C7500



008880

Rectangle

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



0073D1



AA50A4



7C7500



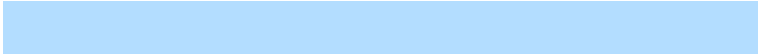
00843E

Sweetspot

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



0073D1



B3DDFF



00D15B



526B80



000000



808080

Same Dimension

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



0073D1



008CFF



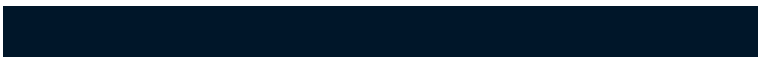
000ED1



5E6469



005DA8



001629

Inverse Universe

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



D10073



FF008C



D1C300



695E64



A8005D



290016

Previews

White Background



This preview shows how the Hex color 0073D1 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 0073D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

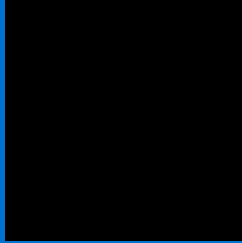
Any Text WCAG AA × Fail

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 0073D1 Background



This preview shows how black text looks on a background with the Hex color 0073D1.

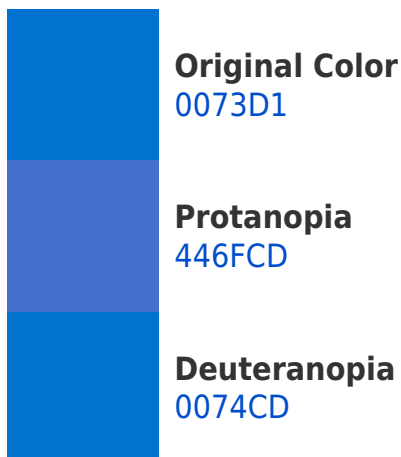


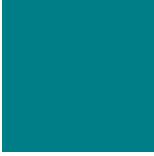
This preview shows how white text looks on a background with the Hex color 0073D1.

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
007E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0073D1 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 #0073D1 looks like.

```
.text, #text, p{  
    color:#0073D1  
}
```

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 #0073D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073D1
}
```

Border

The CSS property to change the border of an element to Hex 0073D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

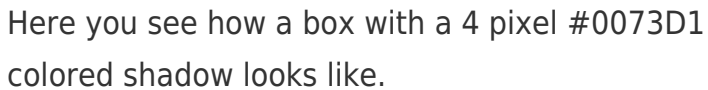
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0073D1 }
```

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

```
.border{ border-color:#0073D1 }
```

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



Here you see how a box with a 4 pixel #0073D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073D1; -webkit-box-shadow:4px 4px  
4px 4px #0073D1; box-shadow:4px 4px 4px  
4px #0073D1 }
```

Background

The CSS property to change the background color of an element to Hex 0073D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073D1 }
```

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

```
.background{ background-color:#0073D1 }
```

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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