

Converting Colors

Hex(0080D9)

Have a look what the booklet for
Hex(0080D9) contains.

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Color

Hex(0080D9)

Conversions

Conversions Part 1

Format	Color
Hex	0080D9
RGB	0, 128, 217
RGB Percent	0%, 50%, 85%
CMY	1.0000, 0.4980, 0.1490
CMYK	1.00, 0.41, 0.00, 0.15
HSL	205°, 100%, 43%
HSV	205°, 100%, 85%
XYZ	20.2436, 20.4481, 68.5256
YIQ	99.8740, -104.8570, 0.5430

Conversions

Conversions Part 2

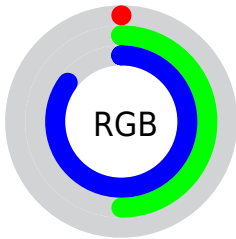
Format	Color
RYB	0, 81, 217
Decimal	32985
CIELab	52.34, 4.03, -53.57
CIELCh	52, 53.717, 274.300
Yxy	20.4481, 0.1854, 0.1872
Android (android.graphics.Color)	4278223065 (0xFF0080D9)
YUV	99.8740, 57.7431, -87.5895
Hunter-Lab	45.2196, 0.7753, -58.1941

Details

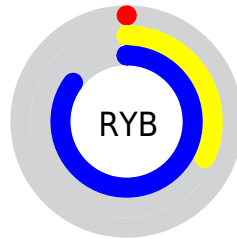
The Hex color **0080D9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D95900**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **66B4FF**, and **0050A1** is the 20% darker color. If you saturate the color by 10%, you get **0080D9**, and if you desaturate by 10%, it is **1689D9**.

Distribution



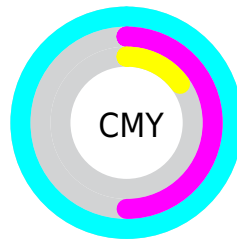
- Red (0%)
- Green (50%)
- Blue (85%)



- Red (0%)
- Yellow (32%)
- Blue (85%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0080D9 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 0080D9 by changing the saturation by 10% instead.

 0080D9

 0080D9

FFFFFF

 0067BD

 66B4FF

 0050A1

 86D0FF

 003A87

 A6ECFF

 00256D

 C5FFFF

 001054

 E4FFFF

 00063C

 000225

 00010E

 000000

 0080D9

 1689D9

 2B92D9

 419BD9

 57A4D9

 6DADD9

 82B5D9

 98BED9

 AEC7D9

 C3D0D9

Harmonies

Analogous

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



008CD0



0080D9



876EC9

Triad

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



0080D9



CB594C



009053

Complementary

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



0080D9



D95900

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.



5F892A



0080D9



B46C27

Square

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



0080D9



CF5078



8E7D14



009382

Rectangle

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



0080D9



AC60B3



8E7D14



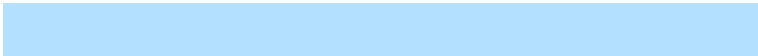
318E44

Sweetspot

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



0080D9



B3E0FF



00D957



526D80



000000



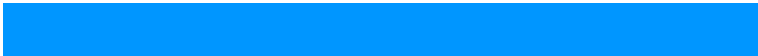
808080

Same Dimension

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



0080D9



0096FF



0016D9



63696E



0066AD



001B2E

Inverse Universe

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



D90080



FF0096



D9C300



6E6369



AD0066



2E001B

Previews

White Background



This preview shows how the Hex color 0080D9 looks on a white 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

Black Background



This preview shows how the Hex color 0080D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

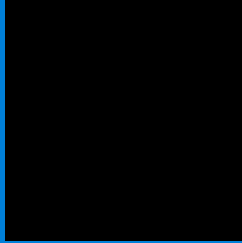
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0080D9 Background



This preview shows how black text looks on a background with the Hex color 0080D9.



This preview shows how white text looks on a background with the Hex color 0080D9.

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](#).

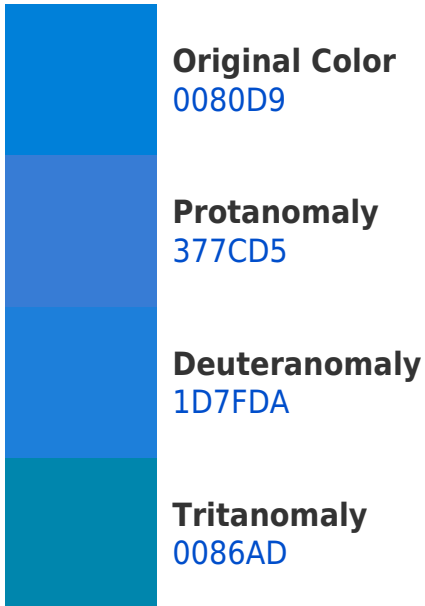
Dichromacy





Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0080D9 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 #0080D9 looks like.

```
.text, #text, p{  
    color:#0080D9  
}
```

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 #0080D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080D9
}
```

Border

The CSS property to change the border of an element to Hex 0080D9 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
#0080D9 }
```

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

```
.border{ border-color:#0080D9 }
```

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

Here you see how a box with a 4 pixel #0080D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080D9; -webkit-box-shadow:4px 4px  
4px 4px #0080D9; box-shadow:4px 4px 4px  
4px #0080D9 }
```

Background

The CSS property to change the background color of an element to Hex 0080D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080D9 }
```

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

```
.background{ background-color:#0080D9 }
```

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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