

Converting Colors

Hex(0079DA)

Have a look what the booklet for
Hex(0079DA) contains.

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Color

Hex(0079DA)

Conversions

Conversions Part 1

Format	Color
Hex	0079DA
RGB	0, 121, 218
RGB Percent	0%, 47%, 85%
CMY	1.0000, 0.5255, 0.1451
CMYK	1.00, 0.44, 0.00, 0.15
HSL	207°, 100%, 43%
HSV	207°, 100%, 85%
XYZ	19.4923, 18.7367, 68.9189
YIQ	95.8790, -103.2530, 4.5150

Conversions

Conversions Part 2

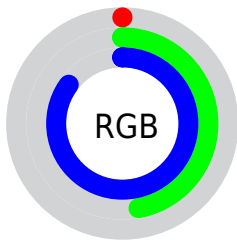
Format	Color
RYB	0, 78, 218
Decimal	31194
CIELab	50.38, 8.75, -57.28
CIELCh	50, 57.940, 278.682
Yxy	18.7367, 0.1819, 0.1749
Android (android.graphics.Color)	4278221274 (0xFF0079DA)
YUV	95.8790, 60.2057, -84.0859
Hunter-Lab	43.2859, 4.6307, -64.1001

Details

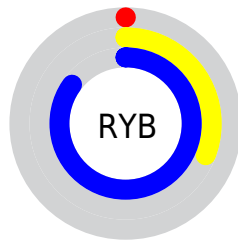
The Hex color **0079DA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DA6100**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **66ADFF**, and **004AA2** is the 20% darker color. If you saturate the color by 10%, you get **0079DA**, and if you desaturate by 10%, it is **1683DA**.

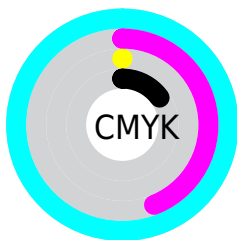
Distribution



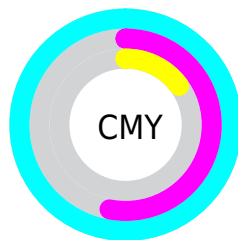
- Red (0%)
- Green (47%)
- Blue (85%)



- Red (0%)
- Yellow (31%)
- Blue (85%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0079DA 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 0079DA by changing the saturation by 10% instead.

 0079DA

 0079DA

FFFFFF

 0061BE

 66ADFF

 004AA2

 87C8FF

 003487

 A6E4FF

 00206E


 C5FFFF

 000655

 E4FFFF

 00063C

 000226

 00010F

 000000

 0079DA

 1683DA

 2C8CDA

 4196DA

 57A0DA

 6DAADA

 83B3DA

 99BDDA

 AEC7DA

 C4D0DA

Harmonies

Analogous

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



0087D4



0079DA



8C64C6

Triad

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



0079DA



C8533D



008C52

Complementary

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



0079DA



DA6100

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.



4D8622



0079DA



AC6812

Square

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



0079DA



D0456C



827A00



008F85

Rectangle

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



0079DA



B155AC



827A00



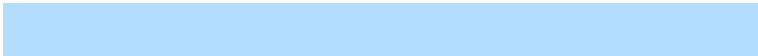
008B41

Sweetspot

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



0079DA



B3DDFF



00DA5E



526B80



000000



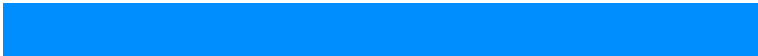
808080

Same Dimension

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



0079DA



008EFF



000FDA



63696E



0060AD



00192E

Inverse Universe

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



DA0079



FF008E



DACB00



6E6369



AD0060



2E0019

Previews

White Background



This preview shows how the Hex color 0079DA looks on a white background.

Color Contrast Check

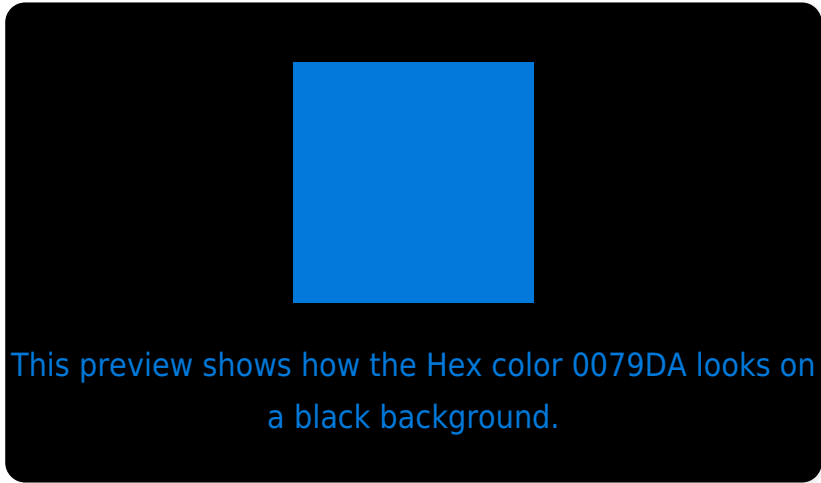
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

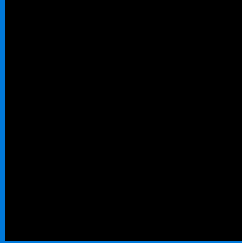
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

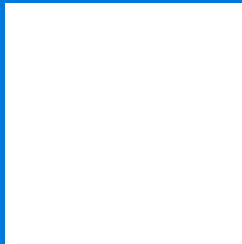
Any Text WCAG AAA × Fail

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

Hex 0079DA Background



This preview shows how black text looks on a background with the Hex color 0079DA.

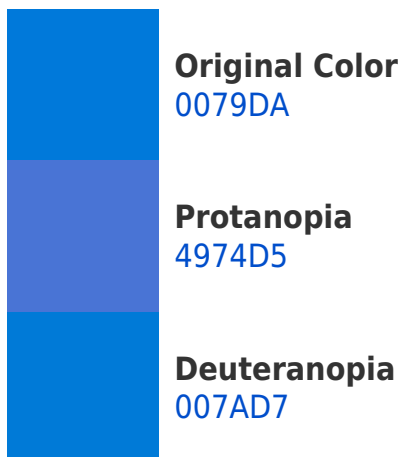


This preview shows how white text looks on a background with the Hex color 0079DA.

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
00858E

Trichromacy



Original Color
0079DA

Protanomaly
2E76D7

Deuteranomaly
007AD8

Tritanomaly
0081AA

Monochromacy



Original Color
0079DA

Achromatopsia
606060

Achromatomaly
3D698C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0079DA 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 #0079DA looks like.

```
.text, #text, p{  
    color:#0079DA  
}
```

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 #0079DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0079DA
}
```

Border

The CSS property to change the border of an element to Hex 0079DA 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
#0079DA }
```

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

```
.border{ border-color:#0079DA }
```

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

Here you see how a box with a 4 pixel #0079DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0079DA; -webkit-box-shadow:4px 4px  
4px 4px #0079DA; box-shadow:4px 4px 4px  
4px #0079DA }
```

Background

The CSS property to change the background color of an element to Hex 0079DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0079DA }
```

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

```
.background{ background-color:#0079DA }
```

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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