

Converting Colors

Hex(0078EA)

Have a look what the booklet for
Hex(0078EA) contains.

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Color

Hex(0078EA)

Conversions

Conversions Part 1

Format	Color
Hex	0078EA
RGB	0, 120, 234
RGB Percent	0%, 47%, 92%
CMY	1.0000, 0.5294, 0.0824
CMYK	1.00, 0.49, 0.00, 0.08
HSL	209°, 100%, 46%
HSV	209°, 100%, 92%
XYZ	21.5678, 19.3735, 80.4446
YIQ	97.1160, -108.1140, 10.0140

Conversions

Conversions Part 2

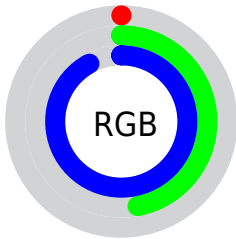
Format	Color
RYB	0, 79, 234
Decimal	30954
CIELab	51.12, 15.66, -65.08
CIELCh	51, 66.935, 283.526
Yxy	19.3735, 0.1777, 0.1596
Android (android.graphics.Color)	4278221034 (0xFF0078EA)
YUV	97.1160, 67.4838, -85.1707
Hunter-Lab	44.0153, 10.4393, -77.5508

Details

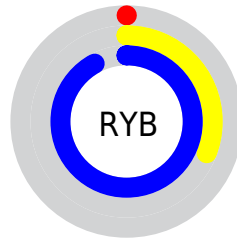
The Hex color **0078EA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EA7200**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6BACFF**, and **0049B1** is the 20% darker color. If you saturate the color by 10%, you get **0078EA**, and if you desaturate by 10%, it is **1783EA**.

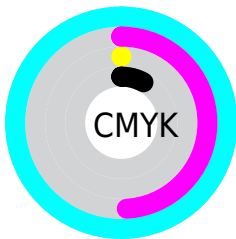
Distribution



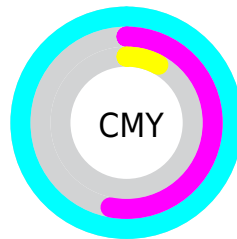
- Red (0%)
- Green (47%)
- Blue (92%)



- Red (0%)
- Yellow (31%)
- Blue (92%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0078EA 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 0078EA by changing the saturation by 10% instead.

 0078EA

 0078EA

FFFFFF

 0060CD

 6BACFF

 0049B1

 8CC7FF

 003396

 ACE2FF

 00207B

 CBFFFF

 000762

 EBFFFF

 000949

 000431

 00011C

 000000

■ 0078EA

■ 1783EA

■ 2F8FEA

■ 469AEA

■ 5EA6EA

■ 75B1EA

■ 8CBCEA

■ A4C8EA

■ BBD3EA

■ D3DFEA

Harmonies

Analogous

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



0089E8



0078EA



9C5DCE

Triad

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



0078EA



D0502C



009157

Complementary

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



0078EA



EA7200

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.



358B1A



0078EA



AC6B00

Square

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



0078EA



DE3963



7B7F00



009393

Rectangle

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



0078EA



C249AE



7B7F00



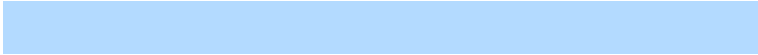
009043

Sweetspot

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



0078EA



B3DAFF



00EA71



526980



000000



808080

Same Dimension

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



0078EA



0083FF



0004EA



6A7075



005DB5



001B36

Inverse Universe

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



EA0078



FF0083



EAE600



756A70



B5005D



36001B

Previews

White Background



This preview shows how the Hex color 0078EA 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 0078EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

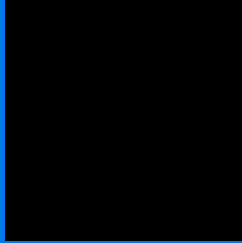
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

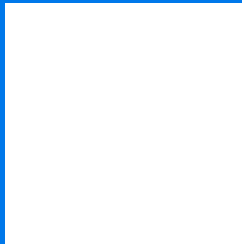
Any Text WCAG AAA × Fail

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

Hex 0078EA Background



This preview shows how black text looks on a background with the Hex color 0078EA.

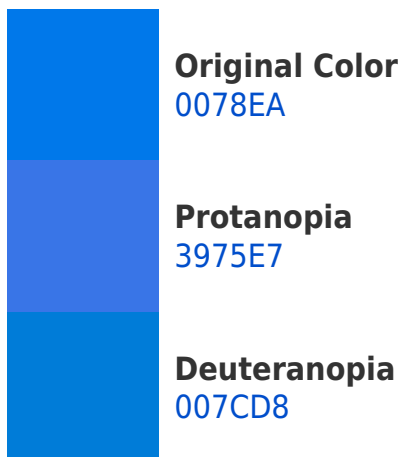


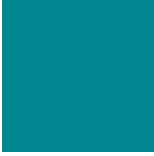
This preview shows how white text looks on a background with the Hex color 0078EA.

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](#).

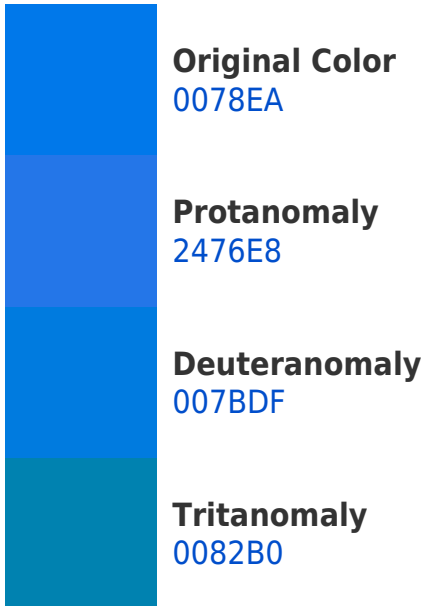
Dichromacy





Tritanopia
00878F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0078EA 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 #0078EA looks like.

```
.text, #text, p{  
    color:#0078EA  
}
```

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 #0078EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0078EA
}
```

Border

The CSS property to change the border of an element to Hex 0078EA 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
#0078EA }
```

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

```
.border{ border-color:#0078EA }
```

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

Here you see how a box with a 4 pixel #0078EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0078EA; -webkit-box-shadow:4px 4px  
4px 4px #0078EA; box-shadow:4px 4px 4px  
4px #0078EA }
```

Background

The CSS property to change the background color of an element to Hex 0078EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0078EA }
```

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

```
.background{ background-color:#0078EA }
```

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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