

Converting Colors

Hex(0073E8)

Have a look what the booklet for
Hex(0073E8) contains.

Hex(0073E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0073E8)

Conversions

Conversions Part 1

Format	Color
Hex	0073E8
RGB	0, 115, 232
RGB Percent	0%, 45%, 91%
CMY	1.0000, 0.5490, 0.0902
CMYK	1.00, 0.50, 0.00, 0.09
HSL	210°, 100%, 45%
HSV	210°, 100%, 91%
XYZ	20.6962, 18.0877, 78.7444
YIQ	93.9530, -106.0970, 12.0070

Conversions

Conversions Part 2

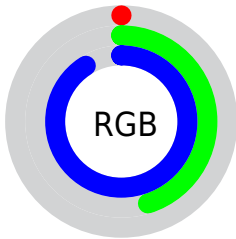
Format	Color
RYB	0, 77, 232
Decimal	29672
CIELab	49.60, 18.04, -66.41
CIELCh	50, 68.820, 285.195
Yxy	18.0877, 0.1761, 0.1539
Android (android.graphics.Color)	4278219752 (0xFF0073E8)
YUV	93.9530, 68.0572, -82.3968
Hunter-Lab	42.5296, 12.4369, -80.0059

Details

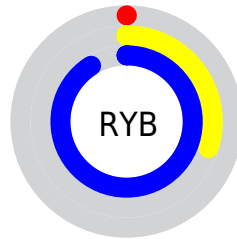
The Hex color **0073E8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E87500**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6AA6FF**, and **0044AF** is the 20% darker color. If you saturate the color by 10%, you get **0073E8**, and if you desaturate by 10%, it is **177FE8**.

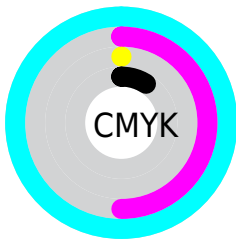
Distribution



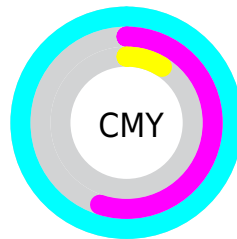
- Red (0%)
- Green (45%)
- Blue (91%)



- Red (0%)
- Yellow (30%)
- Blue (91%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0073E8 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 0073E8 by changing the saturation by 10% instead.

 0073E8

 0073E8

FFFFFF

 005BCB

 6AA6FF

 0044AF

 8CC1FF

 002F94

 ACDDFF

 001D7A

 CBF9FF

 000260

 EAFFFF

 000847

 000430

 00011A

 000000

 0073E8

 177FE8

 2E8AE8

 4696E8

 5DA2E8

 74ADE8

 8BB9E8

 A2C5E8

 BAD1E8

 D1DCE8

Harmonies

Analogous

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



0085E8



0073E8



9C57C9

Triad

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



0073E8



CB4C23



008E56

Complementary

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



0073E8



E87500

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.



268815



0073E8



A66900

Square

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



0073E8



DC315B



737C00



009093

Rectangle

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



0073E8



C241A8



737C00



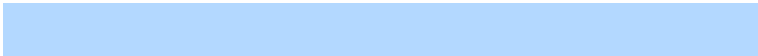
008C41

Sweetspot

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



0073E8



B3D8FF



00E874



526880



000000



808080

Same Dimension

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



0073E8



007EFF



0000E8



676D73



0058B3



001933

Inverse Universe

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



E80073



FF007E



E8E800



73676D



B30058



330019

Previews

White Background



This preview shows how the Hex color 0073E8 looks on a white background.

Color Contrast Check

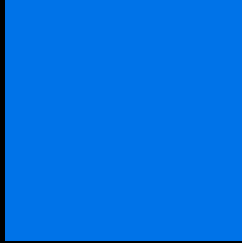
Large Text (above 18pt) WCAG AA ✓ Pass

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 0073E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

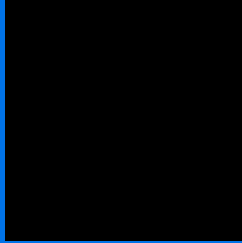
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

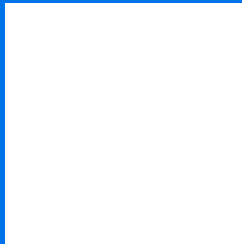
Any Text WCAG AAA × Fail

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

Hex 0073E8 Background



This preview shows how black text looks on a background with the Hex color 0073E8.



This preview shows how white text looks on a background with the Hex color 0073E8.

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
00828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0073E8 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 #0073E8 looks like.

```
.text, #text, p{  
    color:#0073E8  
}
```

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 #0073E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073E8
}
```

Border

The CSS property to change the border of an element to Hex 0073E8 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
#0073E8 }
```

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

```
.border{ border-color:#0073E8 }
```

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

Here you see how a box with a 4 pixel #0073E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073E8; -webkit-box-shadow:4px 4px  
4px 4px #0073E8; box-shadow:4px 4px 4px  
4px #0073E8 }
```

Background

The CSS property to change the background color of an element to Hex 0073E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073E8 }
```

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

```
.background{ background-color:#0073E8 }
```

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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