

Converting Colors

Hex(0018EF)

Have a look what the booklet for
Hex(0018EF) contains.

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Color

Hex(0018EF)

Conversions

Conversions Part 1

Format	Color
Hex	0018EF
RGB	0, 24, 239
RGB Percent	0%, 9%, 94%
CMY	1.0000, 0.9059, 0.0627
CMYK	1.00, 0.90, 0.00, 0.06
HSL	234°, 100%, 47%
HSV	234°, 100%, 94%
XYZ	15.9066, 6.8853, 82.1520
YIQ	41.3340, -83.3190, 61.7770

Conversions

Conversions Part 2

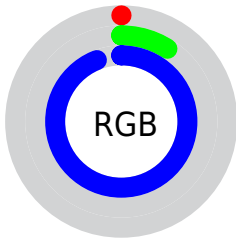
Format	Color
RYB	0, 22, 239
Decimal	6383
CIELab	31.54, 70.61, -100.10
CIElCh	32, 122.498, 305.197
Yxy	6.8853, 0.1516, 0.0656
Android (android.graphics.Color)	4278196463 (0xFF0018EF)
YUV	41.3340, 97.4493, -36.2499
Hunter-Lab	26.2398, 62.2875, -167.2583

Details

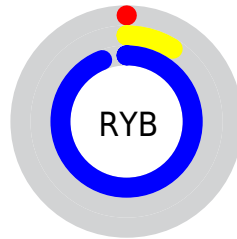
The Hex color **0018EF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **EFD700**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **744FFF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **0018EF**, and if you desaturate by 10%, it is **182DEF**.

Distribution



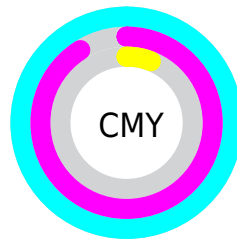
- Red (0%)
- Green (9%)
- Blue (94%)



- Red (0%)
- Yellow (9%)
- Blue (94%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (91%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0018EF 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 0018EF by changing the saturation by 10% instead.

0018EF

0018EF

FFFFFF

0000D2

744FFF

0000B5

976AFF

000099

B885FF

00007E

D9A0FF

000F64

F9BCFF

00094B

FFD9FF

000433

FFF6FF

00021D

000000

 0018EF

 182DEF

 3043EF

 4858EF

 606EEF

 7783EF

 8F99EF

 A7AEEF

 BFC4EF

 D7D9EF

Harmonies

Analogous

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



005AFF



0018EF



BD009E

Triad

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



0018EF



971000



00655A

Complementary

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



0018EF



EFD700

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.



006200



0018EF



4D4E00

Square

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



0018EF



CA0000



005E00



0069BB

Rectangle

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



0018EF



DA005F



005E00



006438

Sweetspot

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



0018EF



B3BAFF



00EFD3



525680



000000



808080

Same Dimension

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



0018EF



001AFF



5C00EF



6C6D78



0012B8



000638

Inverse Universe

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



EF0018



FF001A



93EF00



786C6D



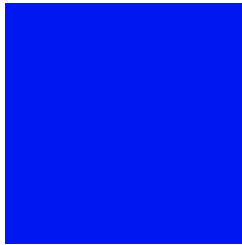
B80012



380006

Previews

White Background



This preview shows how the Hex color 0018EF looks on a white background.

Color Contrast Check

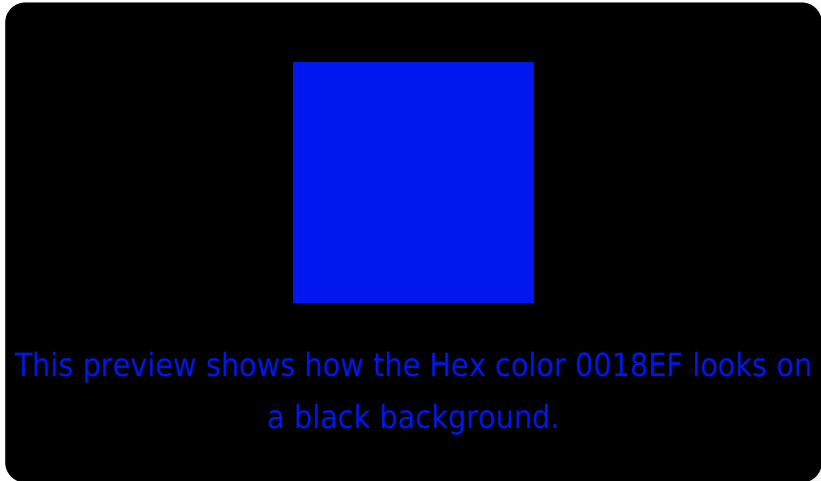
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

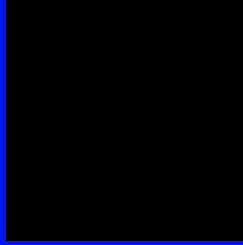
Any Text WCAG AA × Fail

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 0018EF Background



This preview shows how black text looks on a background with the Hex color 0018EF.



This preview shows how white text looks on a background with the Hex color 0018EF.

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



Original Color
0018EF

Protanopia
004896

Deuteranopia
004D7F

Trichromacy



Original Color
0018EF

Protanomaly
0037B6

Deuteranomaly
003AA8

Monochromacy



Original Color
0018EF

Achromatopsia
292929

Achromatomaly
1A2371

CSS Examples

Text

The CSS property to change the color of the text to Hex 0018EF 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 #0018EF looks like.

```
.text, #text, p{  
    color:#0018EF  
}
```

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 #0018EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0018EF
}
```

Border

The CSS property to change the border of an element to Hex 0018EF 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
#0018EF }
```

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

```
.border{ border-color:#0018EF }
```

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

Here you see how a box with a 4 pixel #0018EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0018EF; -webkit-box-shadow:4px 4px  
4px 4px #0018EF; box-shadow:4px 4px 4px  
4px #0018EF }
```

Background

The CSS property to change the background color of an element to Hex 0018EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0018EF }
```

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

```
.background{ background-color:#0018EF }
```

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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