

Converting Colors

Hex(005EF8)

Have a look what the booklet for
Hex(005EF8) contains.

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Color

Hex(005EF8)

Conversions

Conversions Part 1

Format	Color
Hex	005EF8
RGB	0, 94, 248
RGB Percent	0%, 37%, 97%
CMY	1.0000, 0.6314, 0.0275
CMYK	1.00, 0.62, 0.00, 0.03
HSL	217°, 100%, 49%
HSV	217°, 100%, 97%
XYZ	20.9460, 14.7827, 90.5563
YIQ	83.4500, -105.4580, 27.9660

Conversions

Conversions Part 2

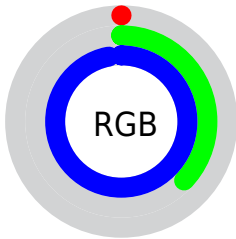
Format	Color
R _{YB}	0, 68, 248
Decimal	24312
CIE _{Lab}	45.34, 37.64, -82.33
CIE _{LCh}	45, 90.527, 294.566
Y _{xy}	14.7827, 0.1659, 0.1171
Android (android.graphics.Color)	4278214392 (0xFF005EF8)
YUV	83.4500, 81.1232, -73.1857
Hunter-Lab	38.4483, 29.9592, -112.7304

Details

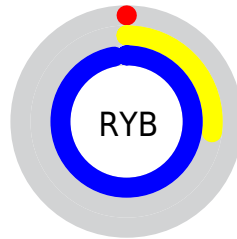
The Hex color **005EF8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **F89A00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7190FF**, and **0031BE** is the 20% darker color. If you saturate the color by 10%, you get **005EF8**, and if you desaturate by 10%, it is **196DF8**.

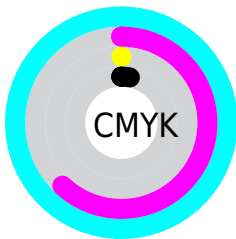
Distribution



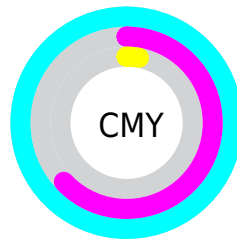
- Red (0%)
- Green (37%)
- Blue (97%)



- Red (0%)
- Yellow (27%)
- Blue (97%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (63%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005EF8 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 005EF8 by changing the saturation by 10% instead.

 005EF8

 005EF8

FFFFFF

 0047DB


 7190FF

 0031BE

 93AAFF

 001FA2

 B4C5FF

 000F87

 D4E1FF

 00066D

 F4FEFF

 000B53

 00063B

 000225

 00010D

 005EF8

 196DF8

 327DF8

 4A8CF8

 639CF8

 7CABF8

 95BAF8

 AECAF8

 C6D9F8

 DFE9F8

Harmonies

Analogous

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



007BFF



005EF8



B421C5

Triad

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



005EF8



C43B00



00875B

Complementary

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



005EF8



F89A00

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.



008300



005EF8



8F6400

Square

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



005EF8



E40033



457900



0089A9

Rectangle

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



005EF8



D90096



457900



008640

Sweetspot

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



005EF8



B3CFFF



00F899



526380



000000



808080

Same Dimension

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



005EF8



0061FF



1D00F8



70757D



0048BD



00173D

Inverse Universe

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



F8005E



FF0061



DBF800



7D7075



BD0048



3D0017

Previews

White Background



This preview shows how the Hex color 005EF8 looks on a white background.

Color Contrast Check

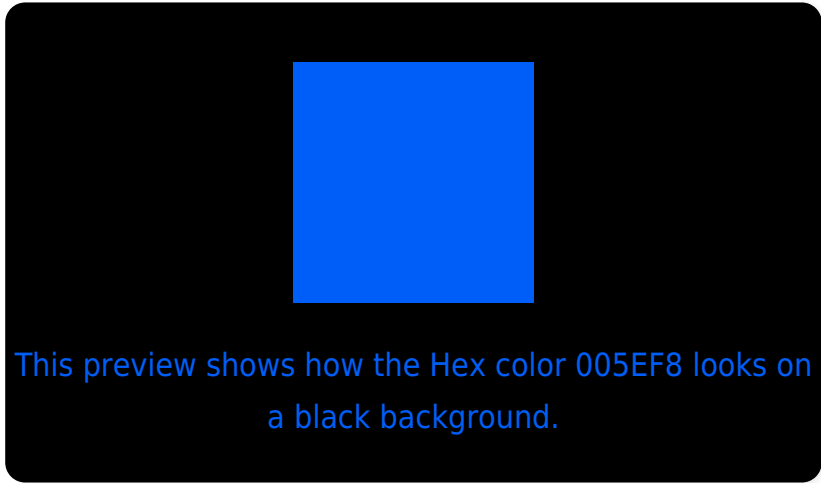
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

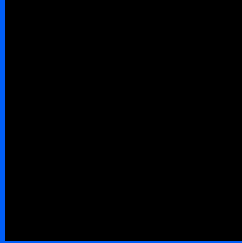
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 005EF8 Background



This preview shows how black text looks on a background with the Hex color 005EF8.



This preview shows how white text looks on a background with the Hex color 005EF8.

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
00767D

Trichromacy



Original Color
005EF8

Protanomaly
0064E4

Deuteranomaly
0068D1

Tritanomaly
006DAA

Monochromacy



Original Color
005EF8

Achromatopsia
535353

Achromatomaly
35578F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005EF8 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 #005EF8 looks like.

```
.text, #text, p{  
    color:#005EF8  
}
```

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 #005EF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005EF8
}
```

Border

The CSS property to change the border of an element to Hex 005EF8 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
#005EF8 }
```

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

```
.border{ border-color:#005EF8 }
```

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

Here you see how a box with a 4 pixel #005EF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005EF8; -webkit-box-shadow:4px 4px  
4px 4px #005EF8; box-shadow:4px 4px 4px  
4px #005EF8 }
```

Background

The CSS property to change the background color of an element to Hex 005EF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005EF8 }
```

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

```
.background{ background-color:#005EF8 }
```

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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