

Converting Colors

Hex(006FE8)

Have a look what the booklet for
Hex(006FE8) contains.

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Color

Hex(006FE8)

Conversions

Conversions Part 1

Format	Color
Hex	006FE8
RGB	0, 111, 232
RGB Percent	0%, 44%, 91%
CMY	1.0000, 0.5647, 0.0902
CMYK	1.00, 0.52, 0.00, 0.09
HSL	211°, 100%, 45%
HSV	211°, 100%, 91%
XYZ	20.2499, 17.1951, 78.5956
YIQ	91.6050, -104.9970, 14.0990

Conversions

Conversions Part 2

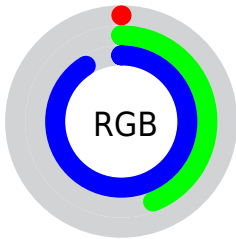
Format	Color
R _Y B	0, 75, 232
Decimal	28648
CIE Lab	48.50, 20.59, -68.19
CIE LCh	49, 71.234, 286.801
Yxy	17.1951, 0.1745, 0.1482
Android (android.graphics.Color)	4278218728 (0xFF006FE8)
YUV	91.6050, 69.2147, -80.3376
Hunter-Lab	41.4669, 14.6014, -83.3502

Details

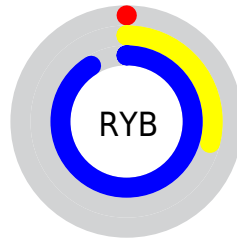
The Hex color **006FE8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E87900**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6BA2FF**, and **0041AF** is the 20% darker color. If you saturate the color by 10%, you get **006FE8**, and if you desaturate by 10%, it is **177BE8**.

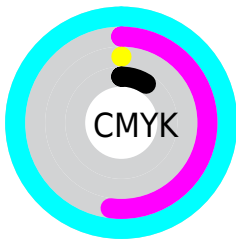
Distribution



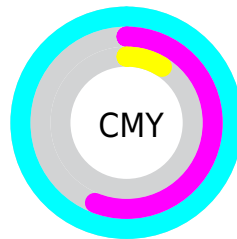
- Red (0%)
- Green (44%)
- Blue (91%)



- Red (0%)
- Yellow (29%)
- Blue (91%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (56%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006FE8 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 006FE8 by changing the saturation by 10% instead.

 006FE8

 006FE8

FFFFFF

 0057CB

 6BA2FF

 0041AF

 8CBDFE

 002C94

 ACD8FF

 001A79

 CBF4FF

 000460

 EBFFFF

 000847

 000430

 00011A

 000000

 006FE8

 177BE8

 2E87E8

 4693E8

 5D9FE8

 74ABE8

 8BB8E8

 A2C4E8

 BAD0E8

 D1DCE8

Harmonies

Analogous

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



0082EA



006FE8



9E50C7

Triad

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



006FE8



C94919



008C55

Complementary

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



006FE8



E87900

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.



0D860F



006FE8



A16700

Square

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



006FE8



DB2854



6C7B00



008D94

Rectangle

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



006FE8



C438A4



6C7B00



008A40

Sweetspot

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



006FE8



B3D7FF



00E878



526880



000000



808080

Same Dimension

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



006FE8



007AFF



0400E8



676D73



0055B3



001833

Inverse Universe

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



E8006F



FF007A



E4E800



73676D



B30055



330018

Previews

White Background



This preview shows how the Hex color 006FE8 looks on a white background.

Color Contrast Check

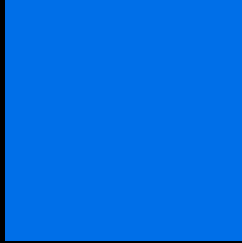
Large Text (above 18pt) WCAG AA ✓ Pass

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 006FE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

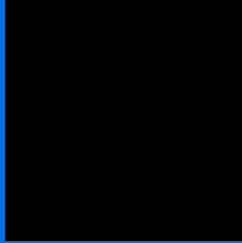
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

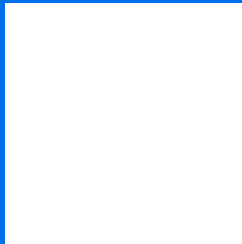
Any Text WCAG AAA × Fail

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

Hex 006FE8 Background



This preview shows how black text looks on a background with the Hex color 006FE8.



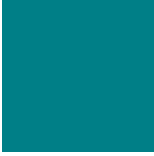
This preview shows how white text looks on a background with the Hex color 006FE8.

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
007F87

Trichromacy



Original Color
006FE8

Protanomaly
126EE7

Deuteranomaly
0073D6

Tritanomaly
0079AA

Monochromacy



Original Color
006FE8

Achromatopsia
5C5C5C

Achromatomaly
3B638F

CSS Examples

Text

The CSS property to change the color of the text to Hex 006FE8 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 #006FE8 looks like.

```
.text, #text, p{  
    color:#006FE8  
}
```

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 #006FE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FE8
}
```

Border

The CSS property to change the border of an element to Hex 006FE8 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
#006FE8 }
```

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

```
.border{ border-color:#006FE8 }
```

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

Here you see how a box with a 4 pixel #006FE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FE8; -webkit-box-shadow:4px 4px  
4px 4px #006FE8; box-shadow:4px 4px 4px  
4px #006FE8 }
```

Background

The CSS property to change the background color of an element to Hex 006FE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FE8 }
```

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

```
.background{ background-color:#006FE8 }
```

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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