

Converting Colors

Hex(008FE0)

Have a look what the booklet for
Hex(008FE0) contains.

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Color

Hex(008FE0)

Conversions

Conversions Part 1

Format	Color
Hex	008FE0
RGB	0, 143, 224
RGB Percent	0%, 56%, 88%
CMY	1.0000, 0.4392, 0.1216
CMYK	1.00, 0.36, 0.00, 0.12
HSL	202°, 100%, 44%
HSV	202°, 100%, 88%
XYZ	23.2770, 25.0267, 74.1248
YIQ	109.4770, -111.2290, -5.1250

Conversions

Conversions Part 2

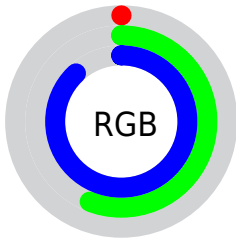
Format	Color
R_{YB}	0, 87, 224
Decimal	36832
CIE _{Lab}	57.10, -2.27, -49.90
CIE _{LCh}	57, 49.955, 267.397
Yxy	25.0267, 0.1901, 0.2044
Android (android.graphics.Color)	4278226912 (0xFF008FE0)
YUV	109.4770, 56.4598, -96.0113
Hunter-Lab	50.0267, -4.4923, -52.8315

Details

The Hex color **008FE0** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E05100**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68C4FF**, and **005DA8** is the 20% darker color. If you saturate the color by 10%, you get **008FE0**, and if you desaturate by 10%, it is **1697E0**.

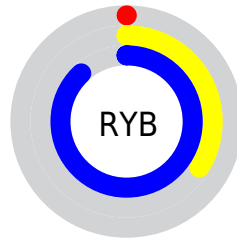
Distribution



Red (0%)

Green (56%)

Blue (88%)



Red (0%)

Yellow (34%)

Blue (88%)

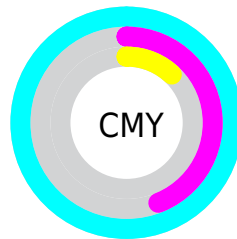


Cyan (100%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (44%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008FE0 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 008FE0 by changing the saturation by 10% instead.

 008FE0

 008FE0

FFFFFF

 0076C4

 68C4FF

 005DA8

 89E0FF

 00468D

 A8FDFF

 003073

 C8FFFF

 001D5A

 E7FFFF

 000742

 00032B

 000115

 000000

■ 008FE0

■ 1697E0

■ 2D9FE0

■ 43A7E0

■ 5AAFE0

■ 70B8E0

■ 86C0E0

■ 9DC8E0

■ B3D0E0

■ CAD8E0

Harmonies

Analogous

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



0099D2



008FE0



847FD7

Triad

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



008FE0



D86663



409A58

Complementary

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



008FE0



E05100

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.



799237



008FE0



C57540

Square

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



008FE0



D6628F



A4852D



009E84

Rectangle

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



008FE0



AC73C4



A4852D



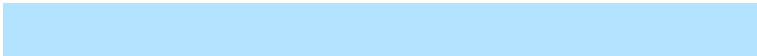
56984B

Sweetspot

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



008FE0



B3E3FF



00E04E



526F80



000000



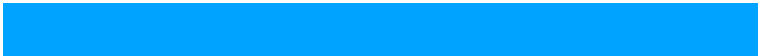
808080

Same Dimension

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



008FE0



00A3FF



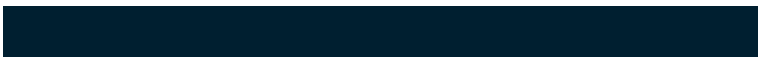
0022E0



656C70



0070B0



001F30

Inverse Universe

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



E0008F



FF00A3



E0BE00



70656C



B00070



30001F

Previews

White Background



This preview shows how the Hex color 008FE0 looks on a white background.

Color Contrast Check

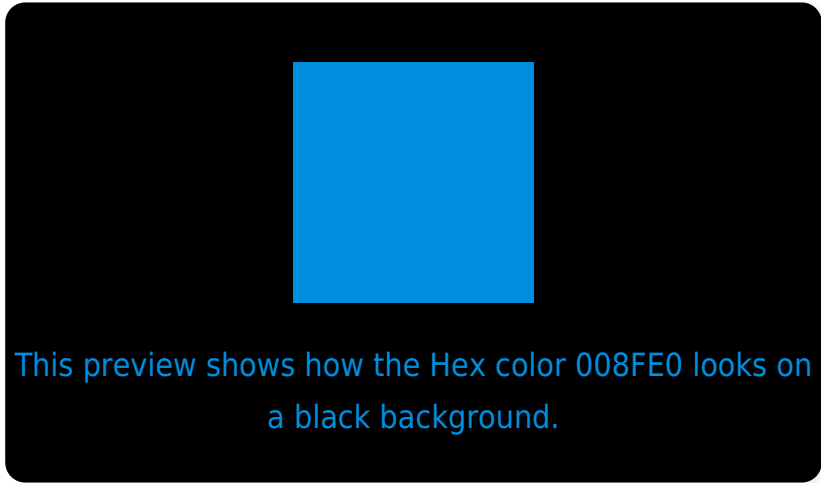
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

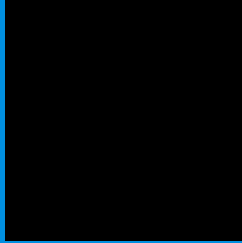
Any Text WCAG AA ✓ Pass

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 008FE0 Background



This preview shows how black text looks on a background with the Hex color 008FE0.



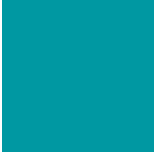
This preview shows how white text looks on a background with the Hex color 008FE0.

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](#).

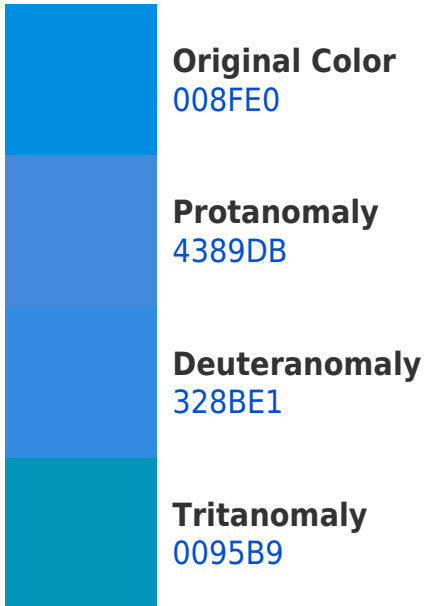
Dichromacy





Tritanopia
0098A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008FE0 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 #008FE0 looks like.

```
.text, #text, p{  
    color:#008FE0  
}
```

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 #008FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008FE0
}
```

Border

The CSS property to change the border of an element to Hex 008FE0 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
#008FE0 }
```

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

```
.border{ border-color:#008FE0 }
```

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

Here you see how a box with a 4 pixel #008FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008FE0; -webkit-box-shadow:4px 4px  
4px 4px #008FE0; box-shadow:4px 4px 4px  
4px #008FE0 }
```

Background

The CSS property to change the background color of an element to Hex 008FE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008FE0 }
```

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

```
.background{ background-color:#008FE0 }
```

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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