

Converting Colors

Hex(0013F8)

Have a look what the booklet for
Hex(0013F8) contains.

Hex(0013F8)	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(0013F8)

Conversions

Conversions Part 1

Format	Color
Hex	0013F8
RGB	0, 19, 248
RGB Percent	0%, 7%, 97%
CMY	1.0000, 0.9255, 0.0275
CMYK	1.00, 0.92, 0.00, 0.03
HSL	235°, 100%, 49%
HSV	235°, 100%, 97%
XYZ	17.1761, 7.2431, 89.2997
YIQ	39.4250, -84.8330, 67.1910

Conversions

Conversions Part 2

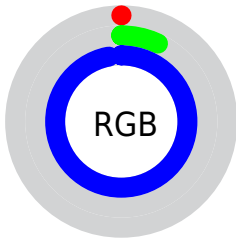
Format	Color
R _{YB}	0, 18, 248
Decimal	5112
CIE _{Lab}	32.35, 74.26, -103.84
CIE _{LCh}	32, 127.661, 305.570
Y _{xy}	7.2431, 0.1510, 0.0637
Android (android.graphics.Color)	4278195192 (0xFF0013F8)
Y _{UV}	39.4250, 102.8275, -34.5757
Hunter-Lab	26.9129, 66.8232, -177.8909

Details

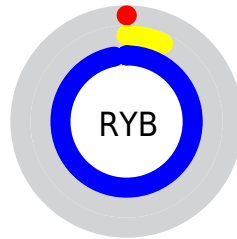
The Hex color **0013F8** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F8E500**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **774EFF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **0013F8**, and if you desaturate by 10%, it is **192AF8**.

Distribution



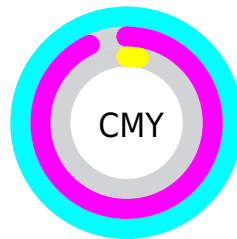
- Red (0%)
- Green (7%)
- Blue (97%)



- Red (0%)
- Yellow (7%)
- Blue (97%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (93%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0013F8 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 0013F8 by changing the saturation by 10% instead.

 0013F8

 0013F8

FFFFFF

 0000DB

 774EFF

 0000BE

 9A69FF

 0000A1

 BC84FF

 000086

 DD9FFF

 00116B

 FEBBFF

 000B52

 FFD8FF

 00053A

 FFF5FF

 000223

 00000B

 0013F8

 192AF8

 3241F8

 4A58F8

 636FF8

 7C85F8

 959CF8

 AEB3F8

 C6CAF8

 DFE1F8

Harmonies

Analogous

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



005DFF



0013F8



C500A2

Triad

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



0013F8



9B0E00



00685E

Complementary

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



0013F8



F8E500

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.



006500



0013F8



4D5000

Square

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



0013F8



D10000



006000



006CC4

Rectangle

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



0013F8



E30060



006000



00673A

Sweetspot

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



0013F8



B3B8FF



00F8E3



525580



000000



808080

Same Dimension

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



0013F8



0014FF



6700F8



70717D



000EBD



00053D

Inverse Universe

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



F80013



FF0014



91F800



7D7071



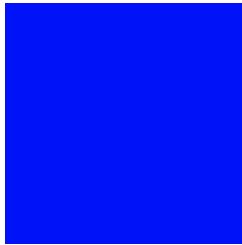
BD000E



3D0005

Previews

White Background



This preview shows how the Hex color 0013F8 looks on a white background.

Color Contrast Check

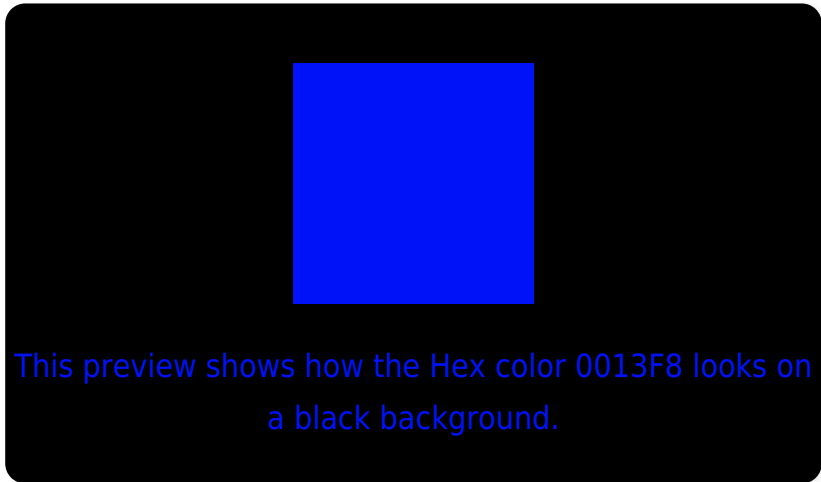
Large Text (above 18pt) WCAG AA ✓ Pass

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 0013F8 Background



This preview shows how black text looks on a background with the Hex color 0013F8.



This preview shows how white text looks on a background with the Hex color 0013F8.

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
0013F8

Protanopia
004A9A

Deuteranopia
004F83

Trichromacy



Original Color
0013F8

Protanomaly
0036BC

Deuteranomaly
0039AE

Tritanomaly
003D92

Monochromacy



Original Color
0013F8

Achromatopsia
272727

Achromatomaly
192073

CSS Examples

Text

The CSS property to change the color of the text to Hex 0013F8 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 #0013F8 looks like.

```
.text, #text, p{  
    color:#0013F8  
}
```

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 #0013F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0013F8
}
```

Border

The CSS property to change the border of an element to Hex 0013F8 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".

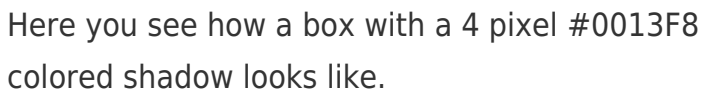
```
.border, #border, table{ border:4px solid
#0013F8 }
```

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

```
.border{ border-color:#0013F8 }
```

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

Here you see how a box with a 4 pixel #0013F8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0013F8; -webkit-box-shadow:4px 4px  
4px 4px #0013F8; box-shadow:4px 4px 4px  
4px #0013F8 }
```

Background

The CSS property to change the background color of an element to Hex 0013F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0013F8 }
```

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

```
.background{ background-color:#0013F8 }
```

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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