

# Converting Colors

Hex(1F00FE)

Have a look what the booklet for  
Hex(1F00FE) contains.

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# Color

**Hex(1F00FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F00FE
RGB	31, 0, 254
RGB Percent	12%, 0%, 100%
CMY	0.8784, 1.0000, 0.0039
CMYK	0.88, 1.00, 0.00, 0.00
HSL	247°, 100%, 50%
HSV	247°, 100%, 100%
XYZ	18.4545, 7.4471, 94.2307
YIQ	38.2250, -63.0580, 85.5660

# Conversions

## Conversions Part 2

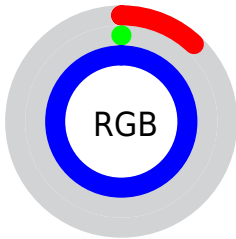
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	31, 0, 254
Decimal	2031870
CIE Lab	32.80, 79.17, -106.45
CIE LCh	33, 132.661, 306.639
Yxy	7.4471, 0.1536, 0.0620
Android (android.graphics.Color)	4280221950 (0xFF1F00FE)
YUV	38.2250, 106.3771, -6.3363
Hunter-Lab	27.2893, 72.9548, -185.6274

# Details

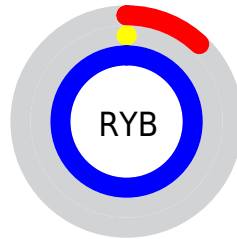
The Hex color **1F00FE** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **DFFE00**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7F48FF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **1F00FE**, and if you desaturate by 10%, it is **3519FE**.

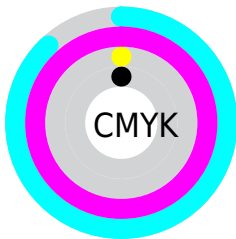
# Distribution



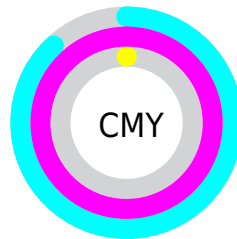
- Red (12%)
- Green (0%)
- Blue (100%)



- Red (12%)
- Yellow (0%)
- Blue (100%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F00FE 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 1F00FE by changing the saturation by 10% instead.



 1F00FE

 1F00FE

FFFFFF

 0000E0

 7F48FF

 0000C3

 A264FF

 0000A7

 C480FF

 00008B

 E59BFF

 001071

 FFB8FF

 000C57

 FFD5FF

 00063F

 FFF2FF

 000328

 000111

 1F00FE

 3519FE

 4C33FE

 624CFE

 7866FE

 8E7FFE

 A598FE

 BBB2FE

 D1CBFE

 E8E5FE

# Harmonies

## Analogous

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



005EFF



1F00FE



CE00A3

# Triad

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



1F00FE



9C1100



006A64

# Complementary

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



1F00FE



DFFE00

# 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.



006700



1F00FE



4A5200

# Square

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



1F00FE



D60000



006200



006ECD

# Rectangle

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



1F00FE



EA005F



006200



00693F



# Sweetspot

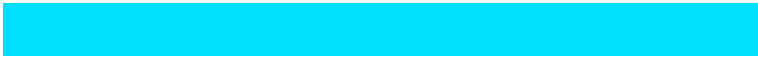
The Sweet Spot groups the original color and five complimentary colors.



1F00FE



BCB3FF



00E0FE



575280



000000



808080



# Same Dimension

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



1F00FE



1F00FF



9D00FE



747380



1700BF



080040



# Inverse Universe

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



FE00DF



FF00E0



61FE00



80737E



BF00A8

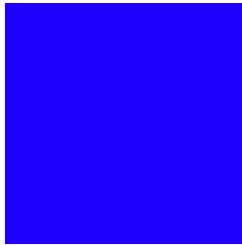


400038



# Previews

## White Background



This preview shows how the Hex color 1F00FE looks on a white background.

## Color Contrast Check

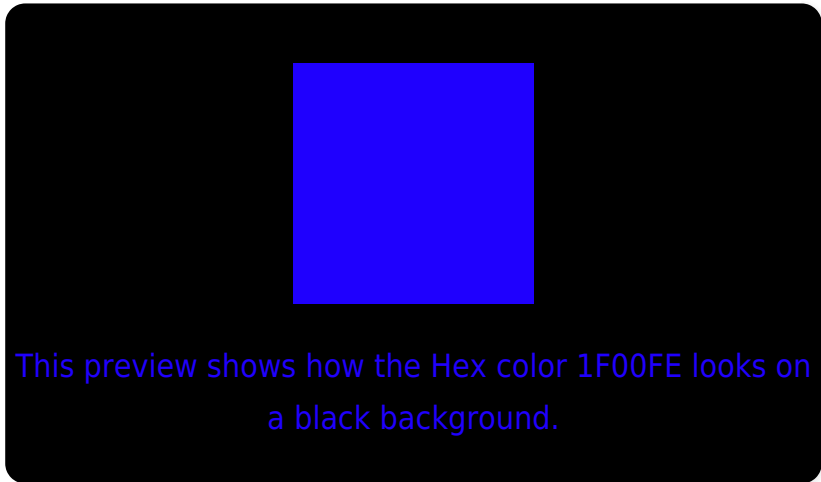
Large Text (above 18pt) WCAG AA ✓ Pass

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

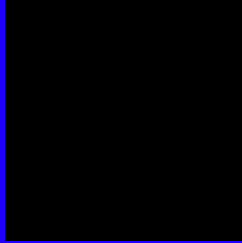
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F00FE Background



This preview shows how black text looks on a background with the Hex color 1F00FE.



This preview shows how white text looks on a background with the Hex color 1F00FE.

# 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**  
1F00FE

**Protanopia**  
004B9E

**Deuteranopia**  
005085



**Tritanopia**  
00575A

# Trichromacy



**Original Color**  
1F00FE

**Protanomaly**  
0B30C1

**Deuteranomaly**  
0B33B1

**Tritanomaly**  
0B3796

# Monochromacy



**Original Color**  
1F00FE

**Achromatopsia**  
262626

**Achromatomaly**  
231875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F00FE 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 #1F00FE looks like.

```
.text, #text, p{  
    color:#1F00FE  
}
```

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 #1F00FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F00FE }  
}
```

## Border

The CSS property to change the border of an element to Hex 1F00FE 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 #1F00FE }  
}
```

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

```
.border{ border-color:#1F00FE }
```

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

Here you see how a box with a 4 pixel #1F00FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F00FE; -webkit-box-shadow:4px 4px  
4px 4px #1F00FE; box-shadow:4px 4px 4px  
4px #1F00FE }
```

# Background

The CSS property to change the background color of an element to Hex 1F00FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F00FE }
```

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

```
.background{ background-color:#1F00FE }
```

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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