

Converting Colors

Hex(1800FE)

Have a look what the booklet for
Hex(1800FE) contains.

Hex(1800FE)	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(1800FE)

Conversions

Conversions Part 1

Format	Color
Hex	1800FE
RGB	24, 0, 254
RGB Percent	9%, 0%, 100%
CMY	0.9059, 1.0000, 0.0039
CMYK	0.91, 1.00, 0.00, 0.00
HSL	246°, 100%, 50%
HSV	246°, 100%, 100%
XYZ	18.2661, 7.3499, 94.2219
YIQ	36.1320, -67.2300, 84.0820

Conversions

Conversions Part 2

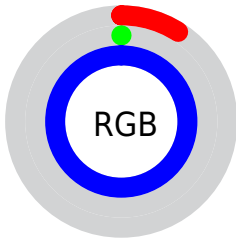
Format	Color
R _Y B	24, 0, 254
Decimal	1573118
CIE Lab	32.59, 79.10, -106.81
CIE LCh	33, 132.909, 306.521
Yxy	7.3499, 0.1524, 0.0613
Android (android.graphics.Color)	4279763198 (0xFF1800FE)
YUV	36.1320, 107.4089, -10.6398
Hunter-Lab	27.1108, 72.8217, -187.0812

Details

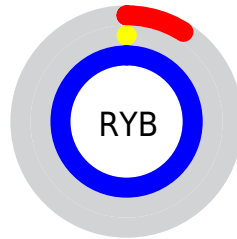
The Hex color **1800FE** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **E6FE00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7D48FF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **1800FE**, and if you desaturate by 10%, it is **2F19FE**.

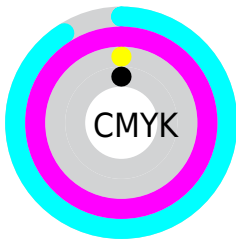
Distribution



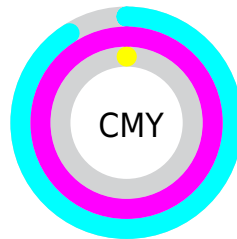
- Red (9%)
- Green (0%)
- Blue (100%)



- Red (9%)
- Yellow (0%)
- Blue (100%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)






















- Cyan (91%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1800FE 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 1800FE by changing the saturation by 10% instead.

 1800FE	 1800FE
 FFFFFFFF	 0000E0
 7D48FF	 0000C3
 A164FF	 0000A7
 C27FFF	 00008B
 E49BFF	 001171
 FFB7FF	 000C57
 FFD4FF	 00063F
 FFF1FF	 000328
	 000111

 1800FE

 2F19FE

 4633FE

 5D4CFE

 7466FE

 8B7FFE

 A298FE

 B9B2FE

 D0CBFE

 E7E5FE

Harmonies

Analogous

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



005EFF



1800FE



CD00A3

Triad

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



1800FE



9C0F00



006963

Complementary

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



1800FE



E6FE00

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.



006600



1800FE



4A5200

Square

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



1800FE



D50000



006200



006DCC

Rectangle

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



1800FE



EA005F



006200



00683E

Sweetspot

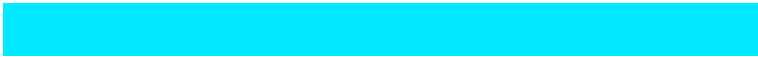
The Sweet Spot groups the original color and five complimentary colors.



1800FE



BAB3FF



00E9FE



565280



000000



808080

Same Dimension

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



1800FE



1800FF



9400FE



747380



1200BF



060040

Inverse Universe

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



FE00E6



FF00E7



6AFE00



80737E



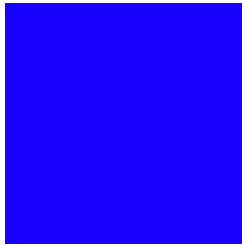
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color 1800FE looks on a white background.

Color Contrast Check

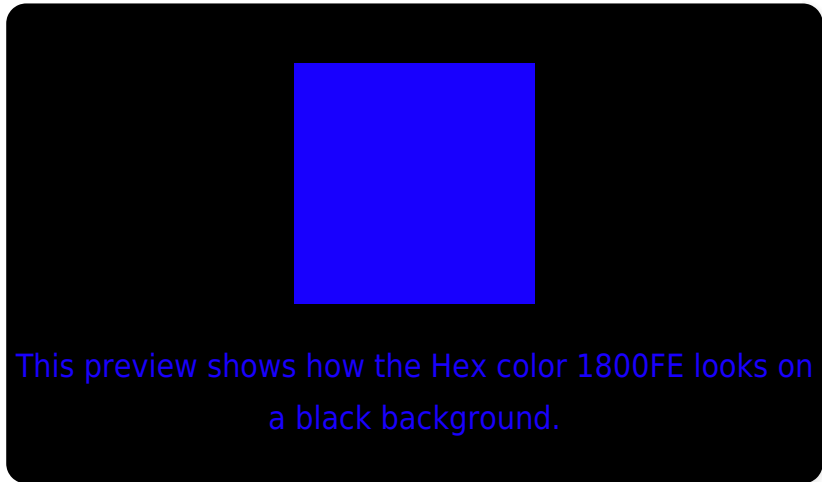
Large Text (above 18pt) WCAG AA ✓ Pass

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 1800FE Background



This preview shows how black text looks on a background with the Hex color 1800FE.




This preview shows how white text looks on a background with the Hex color 1800FE.

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
00565A

Trichromacy



Original Color
1800FE

Protanomaly
0930C0

Deuteranomaly
0933B1

Tritanomaly
093796

Monochromacy



Original Color
1800FE

Achromatopsia
242424

Achromatomaly
201773

CSS Examples

Text

The CSS property to change the color of the text to Hex 1800FE 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 #1800FE looks like.

```
.text, #text, p{  
    color:#1800FE  
}
```

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 #1800FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1800FE
}
```

Border

The CSS property to change the border of an element to Hex 1800FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

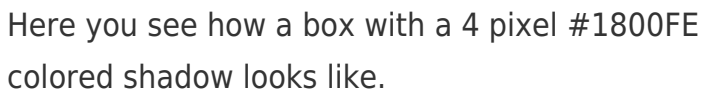
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1800FE }
```

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

```
.border{ border-color:#1800FE }
```

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



Here you see how a box with a 4 pixel #1800FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1800FE; -webkit-box-shadow:4px 4px  
4px 4px #1800FE; box-shadow:4px 4px 4px  
4px #1800FE }
```

Background

The CSS property to change the background color of an element to Hex 1800FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1800FE }
```

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

```
.background{ background-color:#1800FE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor