

Converting Colors

Hex(2FE0FF)

Have a look what the booklet for
Hex(2FE0FF) contains.

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Color

Hex(2FE0FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 2FE0FF |
| RGB | 47, 224, 255 |
| RGB Percent | 18%, 88%, 100% |
| CMY | 0.8157, 0.1216, 0.0000 |
| CMYK | 0.82, 0.12, 0.00, 0.00 |
| HSL | 189°, 100%, 59% |
| HSV | 189°, 82%, 100% |
| XYZ | 45.8779, 61.1356, 103.9901 |
| YIQ | 174.6110, -115.4430, -27.8830 |

Conversions

Conversions Part 2

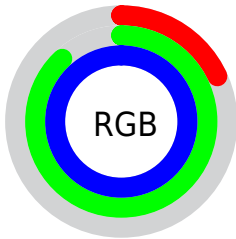
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 47, 143, 255 |
| Decimal | 3137791 |
| CIELab | 82.45, -32.14, -27.21 |
| CIELCh | 82, 42.117, 220.252 |
| Yxy | 61.1356, 0.2174, 0.2897 |
| Android (android.graphics.Color) | 4281327871 (0xFF2FE0FF) |
| YUV | 174.6110, 39.6318, -111.9148 |
| Hunter-Lab | 78.1893, -32.0955, -24.1219 |

Details

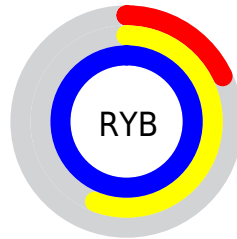
The Hex color **2FE0FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF4E2F**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **81FFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **16DCFF**, and if you desaturate by 10%, it is **49E4FF**.

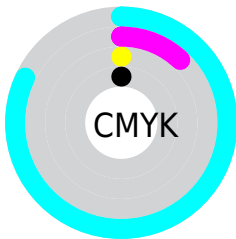
Distribution



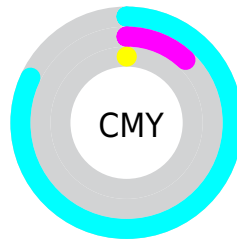
- Red (18%)
- Green (88%)
- Blue (100%)



- Red (18%)
- Yellow (56%)
- Blue (100%)



- Cyan (82%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FE0FF 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 2FE0FF by changing the saturation by 10% instead.

 2FE0FF

 2FE0FF

FFFFFF

 00C4E2

 81FFFF

 00A8C6

 A3FFFF

 008EAB

 C3FFFF

 007490

 E3FFFF

 005B77

 00435E

 002C46

 001230

 00011A

 2FE0FF

 2FE0FF

 16DCFF

 49E4FF

 00D9FF

 62E8FF

 7CEBFF

 95EFFF

 AFF3FF

 C8F7FF

 E2FBFF

 FBF EFF

FFFFFF

Harmonies

Analogous

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



49E3DA



2FE0FF



68D9FF

Triad

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



2FE0FF



FFB2E9



DACF7E

Complementary

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



2FE0FF



FF4E2F

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.



FEC283



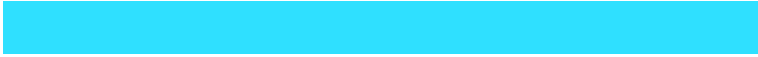
2FE0FF



FFAFC1

Square

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



2FE0FF



E3BEFF



FFB59C



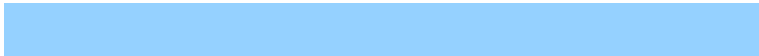
AFDA8F

Rectangle

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



2FE0FF



95D1FF



FFB59C



E7CB7D

Sweetspot

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



2FE0FF



C2F6FF



2FFF4B



5B7A80



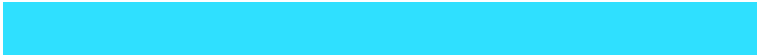
000000



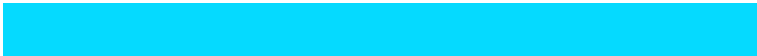
808080

Same Dimension

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



2FE0FF



05DAFF



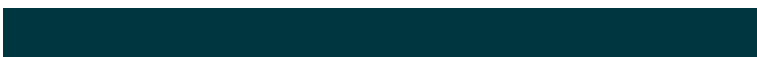
2F7BFF



737E80



00A3BF



003640

Inverse Universe

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



FF2FE0



FF05DA



FFB32F



80737E



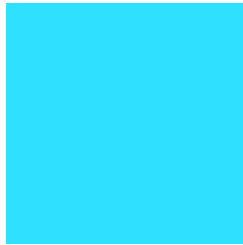
BF00A3



400036

Previews

White Background



This preview shows how the Hex color 2FE0FF looks on a white background.

Color Contrast Check

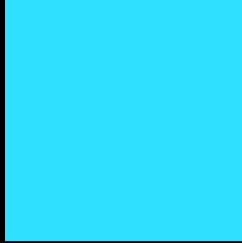
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2FE0FF looks on a 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 ✓ Pass

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

Hex 2FE0FF Background



This preview shows how black text looks on a background with the Hex color 2FE0FF.

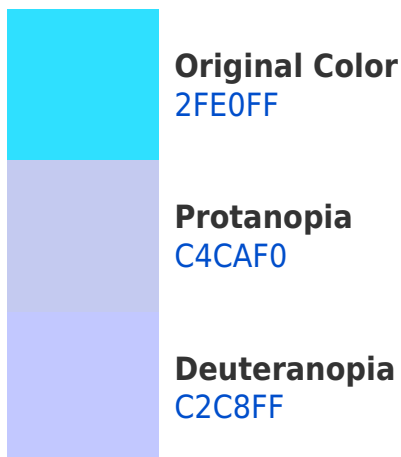


This preview shows how white text looks on a background with the Hex color 2FE0FF.

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
21E2F4

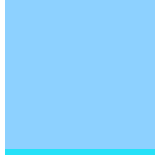
Trichromacy



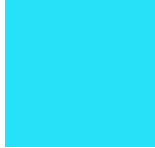
Original Color
2FE0FF



Protanomaly
8ED2F5



Deuteranomaly
8DD1FF

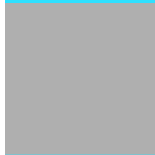


Tritanomaly
26E1F8

Monochromacy



Original Color
2FE0FF



Achromatopsia
AFAFAF



Achromatomaly
80C1CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FE0FF 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 #2FE0FF looks like.

```
.text, #text, p{  
  color:#2FE0FF  
}
```

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 #2FE0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE0FF
}
```

Border

The CSS property to change the border of an element to Hex 2FE0FF 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
#2FE0FF }
```

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

```
.border{ border-color:#2FE0FF }
```

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

Here you see how a box with a 4 pixel #2FE0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE0FF; -webkit-box-shadow:4px 4px  
4px 4px #2FE0FF; box-shadow:4px 4px 4px  
4px #2FE0FF }
```

Background

The CSS property to change the background color of an element to Hex 2FE0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE0FF }
```

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

```
.background{ background-color:#2FE0FF }
```

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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