

Converting Colors

Hex(2FF0FF)

Have a look what the booklet for
Hex(2FF0FF) contains.

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Color

Hex(2FF0FF)

Conversions

Conversions Part 1

Format	Color
Hex	2FF0FF
RGB	47, 240, 255
RGB Percent	18%, 94%, 100%
CMY	0.8157, 0.0588, 0.0000
CMYK	0.82, 0.06, 0.00, 0.00
HSL	184°, 100%, 59%
HSV	184°, 82%, 100%
XYZ	50.3824, 70.1445, 105.4916
YIQ	184.0030, -119.8430, -36.2510

Conversions

Conversions Part 2

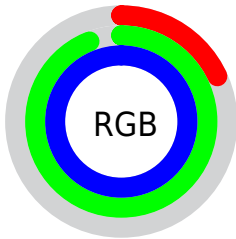
Format	Color
RYB	47, 147, 255
Decimal	3141887
CIELab	87.07, -39.60, -20.20
CIELCh	87, 44.457, 207.022
Yxy	70.1445, 0.2229, 0.3103
Android (android.graphics.Color)	4281331967 (0xFF2FF0FF)
YUV	184.0030, 35.0015, -120.1516
Hunter-Lab	83.7523, -39.1874, -16.0530

Details

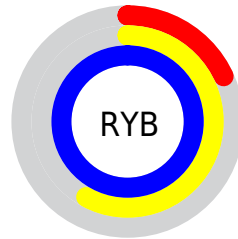
The Hex color **2FF0FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3E2F**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **83FFFF**, and **00B7C6** is the 20% darker color. If you saturate the color by 10%, you get **16EEFF**, and if you desaturate by 10%, it is **49F2FF**.

Distribution



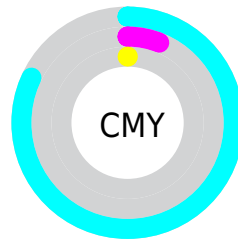
- Red (18%)
- Green (94%)
- Blue (100%)



- Red (18%)
- Yellow (58%)
- Blue (100%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FF0FF 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 2FF0FF by changing the saturation by 10% instead.

 2FF0FF

 2FF0FF

FFFFFF

 00D3E2

 83FFFF

 00B7C6

 A5FFFF

 009CAB

 C5FFFF

 008190

 E6FFFF

 006877

 004F5E

 003746

 002230

 00011B

 2FF0FF

 2FF0FF

 16EEFF

 49F2FF

 00EDFF

 62F4FF

 7CF6FF

 95F7FF

 AFF9FF

 C8FBFF

 E2FDFF

 FBFFFF

FFFFFF

Harmonies

Analogous

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



65F0D4



2FF0FF



4DEAFF

Triad

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



2FF0FF



FFC2FF



FAD685

Complementary

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



2FF0FF



FF3E2F

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.



FFC795



2FF0FF



FFBAE0

Square

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



2FF0FF



D9D1FF



FFBCB6



CFE38D

Rectangle

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



2FF0FF



7EE4FF



FFBCB6



FFD188

Sweetspot

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



2FF0FF



C2FBFF



2FFF3D



5B7D80



000000



808080

Same Dimension

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



2FF0FF



05EDFF



2F89FF



737F80



00B1BF



003B40

Inverse Universe

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



FF2FF0



FF05ED



FFA52F



80737F



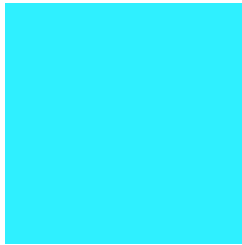
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 2FF0FF looks on a white background.

Color Contrast Check

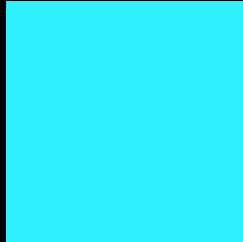
Large Text (above 18pt) WCAG AA × Fail

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 2FF0FF 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 2FF0FF Background



This preview shows how black text looks on a background with the Hex color 2FF0FF.

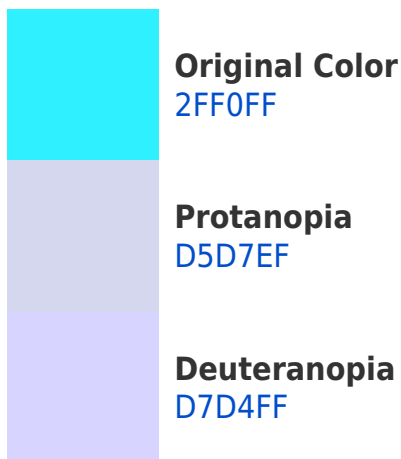


This preview shows how white text looks on a background with the Hex color 2FF0FF.

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



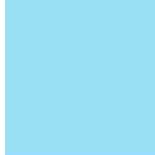


Tritanopia
58EDFF

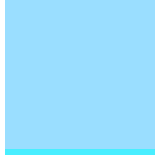
Trichromacy



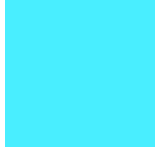
Original Color
2FF0FF



Protanomaly
99E0F5



Deuteranomaly
9ADEFF

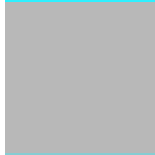


Tritanomaly
49EEFF

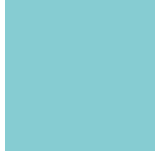
Monochromacy



Original Color
2FF0FF



Achromatopsia
B8B8B8



Achromatomaly
86CCD2

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FF0FF 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 #2FF0FF looks like.

```
.text, #text, p{  
    color:#2FF0FF  
}
```

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 #2FF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FF0FF  
}
```

Border

The CSS property to change the border of an element to Hex 2FF0FF 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  
#2FF0FF }
```

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

```
.border{ border-color:#2FF0FF }
```

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

Here you see how a box with a 4 pixel #2FF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FF0FF; -webkit-box-shadow:4px 4px  
4px 4px #2FF0FF; box-shadow:4px 4px 4px  
4px #2FF0FF }
```

Background

The CSS property to change the background color of an element to Hex 2FF0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FF0FF }
```

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

```
.background{ background-color:#2FF0FF }
```

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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