

Converting Colors

Hex(26FDFF)

Have a look what the booklet for
Hex(26FDFF) contains.

Hex(26FDFF)	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(26FDFF)

Conversions

Conversions Part 1

Format	Color
Hex	26FDFF
RGB	38, 253, 255
RGB Percent	15%, 99%, 100%
CMY	0.8510, 0.0078, 0.0000
CMYK	0.85, 0.01, 0.00, 0.00
HSL	181°, 100%, 57%
HSV	181°, 85%, 100%
XYZ	53.9746, 77.8826, 106.7958
YIQ	188.9430, -128.7820, -44.9580

Conversions

Conversions Part 2

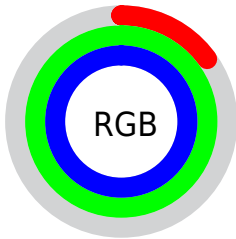
Format	Color
R _Y B	38, 146, 255
Decimal	2555391
CIE Lab	90.73, -45.98, -14.70
CIE LCh	91, 48.270, 197.734
Yxy	77.8826, 0.2262, 0.3263
Android (android.graphics.Color)	4280745471 (0xFF26FDFF)
YUV	188.9430, 32.5661, -132.3770
Hunter-Lab	88.2511, -45.2685, -9.9731

Details

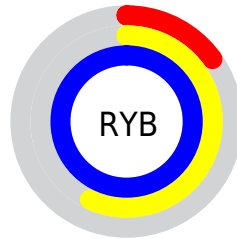
The Hex color **26FDFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF2826**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **81FFFF**, and **00C4C6** is the 20% darker color. If you saturate the color by 10%, you get **0DFDFF**, and if you desaturate by 10%, it is **40FDFF**.

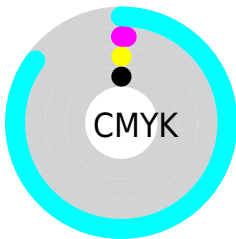
Distribution



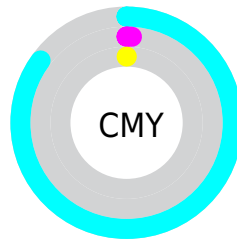
- Red (15%)
- Green (99%)
- Blue (100%)



- Red (15%)
- Yellow (57%)
- Blue (100%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26FDFF 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 26FDFF by changing the saturation by 10% instead.

 26FDFF

 26FDFF

FFFFFF

 00E0E2

 81FFFF

 00C4C6

 A4FFFF

 00A8AB

 C5FFFF

 008D91

 E6FFFF

 007277

 00595E

 004047

 002B30

 00071C

 26FDFF

 26FDFF

 0DFDFF

 40FDFF

 00FDFF

 59FDFF

 73FEFF

 8CFE99

 A6FE99

 BFFEFF

 D9FFFF

 F2FFFF

FFFFFF

Harmonies

Analogous

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



76FCCF



26FDFF



17F9FF

Triad

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



26FDFF



FFCFFF



FFDB8A

Complementary

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



26DFF



FF2826

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.



FFCBA2



26FDFF



FFC2F9

Square

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



26FDFF



CDDFFF



FFC1CB



E7EA8B

Rectangle

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



26FDFD



5FF3FF



FFC1CB



FFD68F

Sweetspot

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



26FDFD



BDFEFF



26FF26



587F80



000000



808080

Same Dimension

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



26FDFF



00FDFF



2693FF



737F80



00BDBF



003F40

Inverse Universe

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



FF26FD



FF00FD



FF9326



80737F



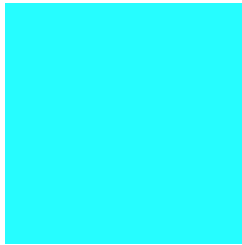
BF00BD



40003F

Previews

White Background



This preview shows how the Hex color 26FDFF looks on a white background.

Color Contrast Check

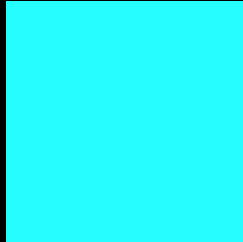
Large Text (above 18pt) WCAG AA × Fail

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 26FDFF 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 26FDFF Background



This preview shows how black text looks on a background with the Hex color 26FDFF.

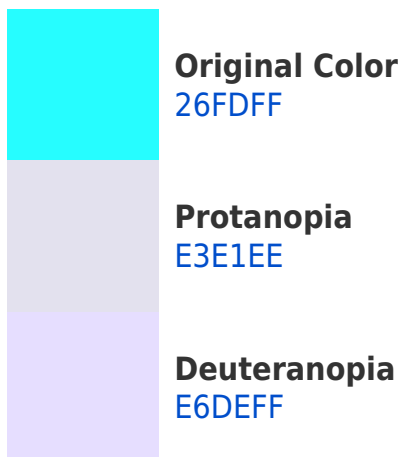


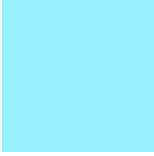
This preview shows how white text looks on a background with the Hex color 26FDFF.

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](#).

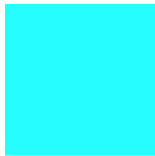
Dichromacy





Tritanopia
97F2FF

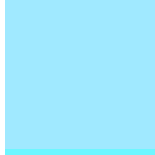
Trichromacy



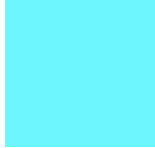
Original Color
26FDFF



Protanomaly
9EEBF4



Deuteranomaly
A0E9FF

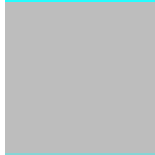


Tritanomaly
6EF6FF

Monochromacy



Original Color
26FDFF



Achromatopsia
BDBDBD



Achromatomaly
86D4D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 26FDFF 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 #26FDFF looks like.

```
.text, #text, p{  
    color:#26FDFF  
}
```

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 #26FDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26FDFF
}
```

Border

The CSS property to change the border of an element to Hex 26FDFF 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
#26FDFF }
```

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

```
.border{ border-color:#26FDFF }
```

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

Here you see how a box with a 4 pixel #26FDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26FDFF; -webkit-box-shadow:4px 4px  
4px 4px #26FDFF; box-shadow:4px 4px 4px  
4px #26FDFF }
```

Background

The CSS property to change the background color of an element to Hex 26FDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26FDFF }
```

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

```
.background{ background-color:#26FDFF }
```

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