

Converting Colors

Hex(47FDFF)

Have a look what the booklet for
Hex(47FDFF) contains.

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Color

Hex(47FDFF)

Conversions

Conversions Part 1

Format	Color
Hex	47FDFF
RGB	71, 253, 255
RGB Percent	28%, 99%, 100%
CMY	0.7216, 0.0078, 0.0000
CMYK	0.72, 0.01, 0.00, 0.00
HSL	181°, 100%, 64%
HSV	181°, 72%, 100%
XYZ	55.7738, 78.8102, 106.8800
YIQ	198.8100, -109.1140, -37.9620

Conversions

Conversions Part 2

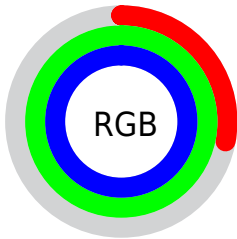
Format	Color
RYB	71, 162, 255
Decimal	4718079
CIELab	91.15, -43.24, -14.03
CIELCh	91, 45.463, 197.972
Yxy	78.8102, 0.2310, 0.3264
Android (android.graphics.Color)	4282908159 (0xFF47FDFF)
YUV	198.8100, 27.7017, -112.0894
Hunter-Lab	88.7751, -43.2120, -9.2392

Details

The Hex color **47FDFF** 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 **FF4947**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **91FFFF**, and **00C4C6** is the 20% darker color. If you saturate the color by 10%, you get **2EFDFF**, and if you desaturate by 10%, it is **61FDFF**.

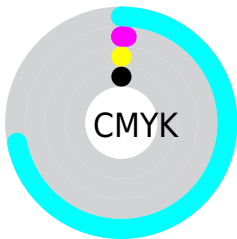
Distribution



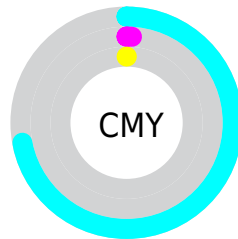
- Red (28%)
- Green (99%)
- Blue (100%)



- Red (28%)
- Yellow (64%)
- Blue (100%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47FDFF 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 47FDFF by changing the saturation by 10% instead.

 47FDFF

 47FDFF

FFFFFF

 00E0E2

 91FFFF

 00C4C6

 B2FFFF

 00A8AB

 D2FFFF

 008D91

 F2FFFF

 007377

 00595E

 004147

 002B30

 00091C

 47FDFF

 47FDFF

 2EFDFF

 61FDFF

 14FCFF

 7AFEFF

 00FCFF

 93FEFF

 ADFEFF

 C7FEFF

 E0FFFF

 FAFFFF

FFFFFF

Harmonies

Analogous

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



80FCD2



47FDFF



45F9FF

Triad

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



47FDFF



FFD1FF



FFDD90

Complementary

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



47FDFF



FF4947

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.



FFCEA7



47FDFF



FFC6F9

Square

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



47FDFF



D1E1FF



FFC5CD



E8EB91

Rectangle

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



47FDFF



71F3FF



FFC5CD



FFD896

Sweetspot

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



47FDFF



C7FEFF



47FF47



5E7F80



000000



808080

Same Dimension

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



47FDFF



21FDFF



47A3FF



737F80



00BDBF



003F40

Inverse Universe

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



FF47FD



FF21FD



FFA347



80737F



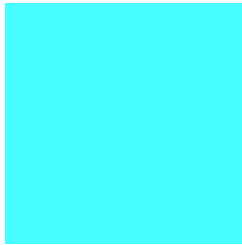
BF00BD



40003F

Previews

White Background



This preview shows how the Hex color 47FDFF looks on a white background.

Color Contrast Check

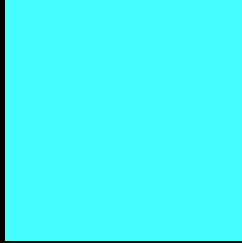
Large Text (above 18pt) WCAG AA × Fail

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 47FDFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

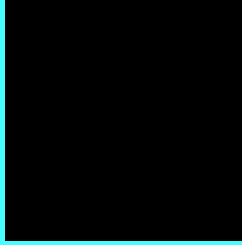
Any Text WCAG AA ✓ Pass

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 47FDFF Background



This preview shows how black text looks on a background with the Hex color 47FDFF.

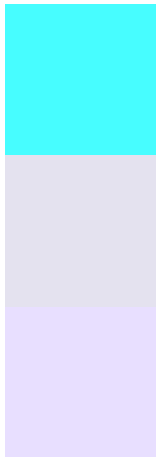


This preview shows how white text looks on a background with the Hex color 47FDFF.

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](#).

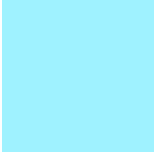
Dichromacy



Original Color
47DFFF

Protanopia
E4E2EF

Deuteranopia
E8DFFF



Tritanopia
9FF2FF

Trichromacy



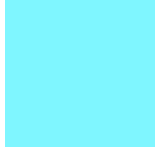
Original Color
47FDFD



Protanomaly
ABECF5



Deuteranomaly
ADEAFF

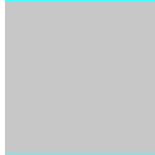


Tritanomaly
7FF6FF

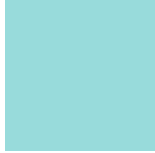
Monochromacy



Original Color
47FDFD



Achromatopsia
C7C7C7



Achromatomaly
98DBDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 47FDFF 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 #47FDFF looks like.

```
.text, #text, p{  
    color:#47FDFF  
}
```

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 #47FDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47FDFF
}
```

Border

The CSS property to change the border of an element to Hex 47FDFF 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
#47FDFF }
```

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

```
.border{ border-color:#47FDFF }
```

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

Here you see how a box with a 4 pixel #47FDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47FDFF; -webkit-box-shadow:4px 4px  
4px 4px #47FDFF; box-shadow:4px 4px 4px  
4px #47FDFF }
```

Background

The CSS property to change the background color of an element to Hex 47FDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47FDFF }
```

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

```
.background{ background-color:#47FDFF }
```

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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