

Converting Colors

Hex(7DF9FF)

Have a look what the booklet for
Hex(7DF9FF) contains.

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Color

Hex(7DF9FF)

Conversions

Conversions Part 1

Format	Color
Hex	7DF9FF
RGB	125, 249, 255
RGB Percent	49%, 98%, 100%
CMY	0.5098, 0.0235, 0.0000
CMYK	0.51, 0.02, 0.00, 0.00
HSL	183°, 100%, 75%
HSV	183°, 51%, 100%
XYZ	60.3831, 79.3313, 106.7377
YIQ	212.6080, -75.8300, -24.4220

Conversions

Conversions Part 2

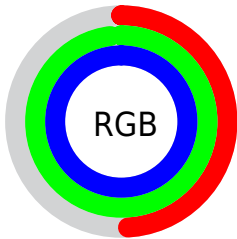
Format	Color
RYB	125, 188, 255
Decimal	8255999
CIELab	91.38, -33.03, -13.53
CIELCh	91, 35.698, 202.278
Yxy	79.3313, 0.2450, 0.3219
Android (android.graphics.Color)	4286446079 (0xFF7DF9FF)
YUV	212.6080, 20.8993, -76.8322
Hunter-Lab	89.0681, -34.8564, -8.7044

Details

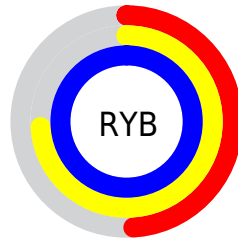
The Hex color **7DF9FF** is a light color, and the websafe version is hex **99FFFF**, and the color name is **electric blue**. A complement of this color would be **FF837D**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **BAFFFF**, and **3AC0C6** is the 20% darker color. If you saturate the color by 10%, you get **64F8FF**, and if you desaturate by 10%, it is **97FAFF**.

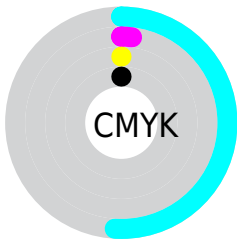
Distribution



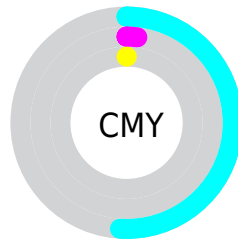
- Red (49%)
- Green (98%)
- Blue (100%)



- Red (49%)
- Yellow (74%)
- Blue (100%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DF9FF 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 7DF9FF by changing the saturation by 10% instead.

 7DF9FF

 7DF9FF

FFFFFF

 5DDCE2

 BAFFFF

 3AC0C6

 D8FFFF

 00A5AB

 F7FFFF

 008A91

 007077

 00575E

 003F47

 002930

 000B1C

 7DF9FF

 7DF9FF

 64F8FF

 97FAFF

 4AF7FF

 B0FBFF

 31F5FF

 CAFDFF

 17F4FF

 E3FEFF

 00F3FF

FDFFFF

FFFFFF

Harmonies

Analogous

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



97F9DC



7DF9FF



85F5FF

Triad

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



7DF9FF



FFD5FF



FFE1A3

Complementary

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



7DF9FF



FF837D

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.



FFD6B1



7DF9FF



FFCEF1

Square

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



7DF9FF



DFE1FF



FFCECE



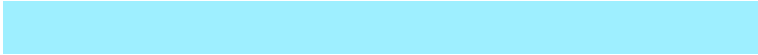
E4ECA6

Rectangle

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



7DF9FF



9EEFFF



FFCECE



FFDDA6

Sweetspot

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



7DF9FF



D9FDFD



7DFF81



697E80



000000



808080

Same Dimension

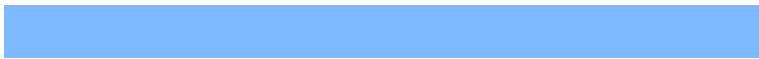
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7DF9FF



63F8FF



7DBAFF



737F80



00B6BF



003D40

Inverse Universe

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



FF7DF9



FF63F8



FFC27D



80737F



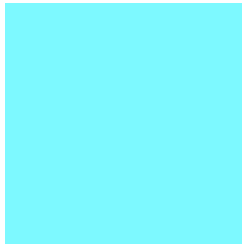
BF00B6



40003D

Previews

White Background



This preview shows how the Hex color 7DF9FF looks on a white background.

Color Contrast Check

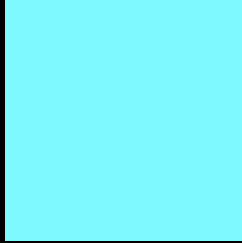
Large Text (above 18pt) WCAG AA × Fail

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 7DF9FF 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

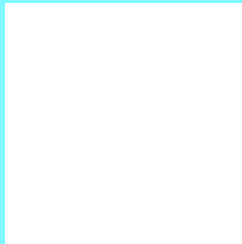
Any Text WCAG AAA ✓ Pass

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

Hex 7DF9FF Background



This preview shows how black text looks on a background with the Hex color 7DF9FF.

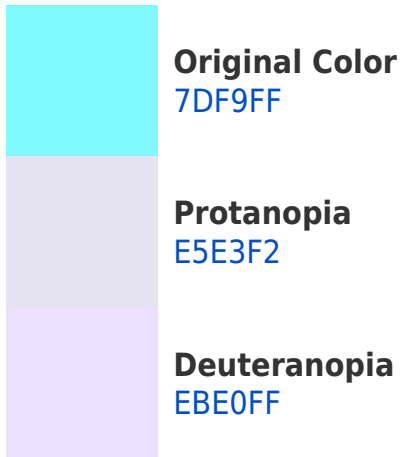


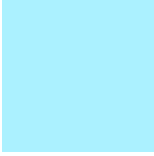
This preview shows how white text looks on a background with the Hex color 7DF9FF.

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



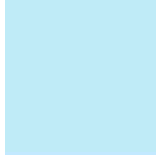


Tritanopia
ABF1FF

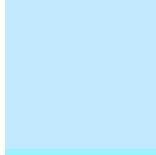
Trichromacy



Original Color
7DF9FF



Protanomaly
BFEBF7



Deuteranomaly
C3E9FF

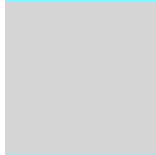


Tritanomaly
9AF4FF

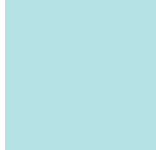
Monochromacy



Original Color
7DF9FF



Achromatopsia
D5D5D5



Achromatomaly
B5E2E4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DF9FF 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 #7DF9FF looks like.

```
.text, #text, p{  
    color:#7DF9FF  
}
```

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 #7DF9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DF9FF
}
```

Border

The CSS property to change the border of an element to Hex 7DF9FF 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
#7DF9FF }
```

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

```
.border{ border-color:#7DF9FF }
```

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

Here you see how a box with a 4 pixel #7DF9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DF9FF; -webkit-box-shadow:4px 4px  
4px 4px #7DF9FF; box-shadow:4px 4px 4px  
4px #7DF9FF }
```

Background

The CSS property to change the background color of an element to Hex 7DF9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DF9FF }
```

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

```
.background{ background-color:#7DF9FF }
```

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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