

# Converting Colors

Hex(6DF8FF)

Have a look what the booklet for  
Hex(6DF8FF) contains.

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# **Color**

**Hex(6DF8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DF8FF
RGB	109, 248, 255
RGB Percent	43%, 97%, 100%
CMY	0.5725, 0.0275, 0.0000
CMYK	0.57, 0.03, 0.00, 0.00
HSL	183°, 100%, 71%
HSV	183°, 57%, 100%
XYZ	57.9241, 77.6060, 106.5343
YIQ	207.2370, -85.0910, -27.2910

# Conversions

## Conversions Part 2

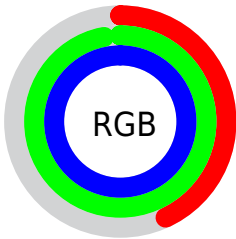
Format	Color
<a href="#">RYB</a>	109, 180, 255
Decimal	7207167
CIELab	90.60, -35.57, -14.76
CIELCh	91, 38.509, 202.535
Yxy	77.6060, 0.2393, 0.3206
Android (android.graphics.Color)	4285397247 (0xFF6DF8FF)
YUV	207.2370, 23.5472, -86.1538
Hunter-Lab	88.0943, -36.7970, -10.0347

# Details

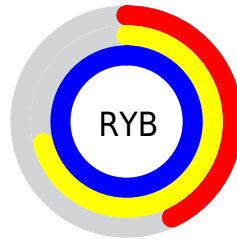
The Hex color **6DF8FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF746D**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **ACFFFF**, and **19BFC6** is the 20% darker color. If you saturate the color by 10%, you get **54F7FF**, and if you desaturate by 10%, it is **87F9FF**.

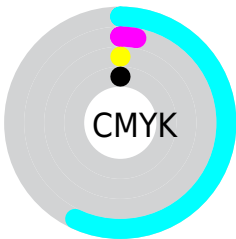
# Distribution



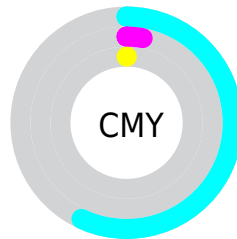
- Red (43%)
- Green (97%)
- Blue (100%)



- Red (43%)
- Yellow (71%)
- Blue (100%)



- Cyan (57%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DF8FF 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 6DF8FF by changing the saturation by 10% instead.



 6DF8FF

FFFFFF

 ACFFFF

 CBFFFF

 EAFFFF

 6DF8FF

 4ADBE2

 19BFC6

 00A4AB

 008991

 006F77

 00565E

 003E47

 002830

 00061C

 6DF8FF

 6DF8FF

 54F7FF

 87F9FF

 3AF6FF

 A0FAFF

 21F4FF

 BAFCFF

 07F3FF

 D3FDFF

 00F3FF

 EDFEFF

FFFFFF

# Harmonies

## Analogous

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



8CF8D9



6DF8FF



76F4FF

# Triad

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



6DF8FF



FFD1FF



FFDF9B

# Complementary

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



6DF8FF



FF746D

# 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.



FFD2AB



6DF8FF



FFC9EF

# Square

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



6DF8FF



DCDEFF



FFCACA



E1EA9F

# Rectangle

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



6DF8FF



93EEFF



FFCACA



FFDA9E



# Sweetspot

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



6DF8FF



D4FDFF



6DFF72



667E80



000000



808080



# Same Dimension

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



6DF8FF



4FF7FF



6DB1FF



737F80



00B6BF



003D40



# Inverse Universe

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



FF6DF8



FF4FF7



FFBB6D



80737F



BF00B6

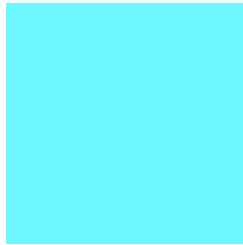


40003D



# Previews

## White Background



This preview shows how the Hex color 6DF8FF looks on a white background.

## Color Contrast Check

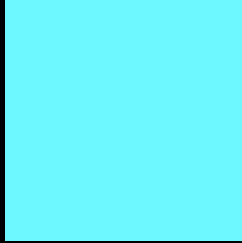
Large Text (above 18pt) WCAG AA × Fail

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 6DF8FF 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 6DF8FF Background



This preview shows how black text looks on a background with the Hex color 6DF8FF.



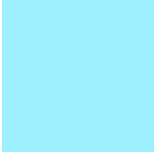
This preview shows how white text looks on a background with the Hex color 6DF8FF.

# 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](#).

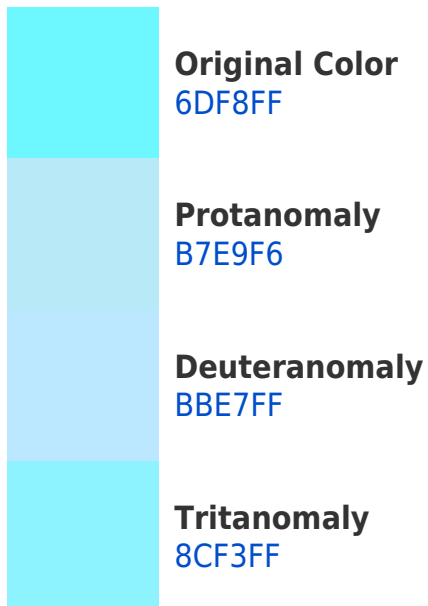
## Dichromacy



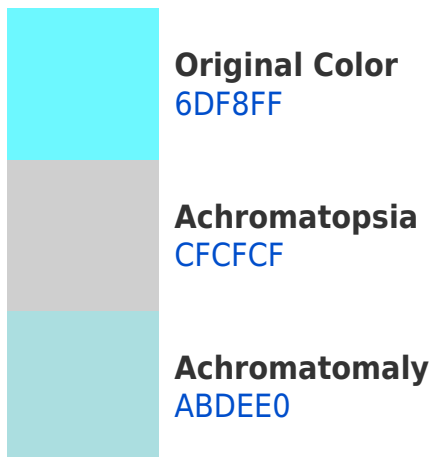


**Tritanopia**  
9EF0FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DF8FF 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 #6DF8FF looks like.

```
.text, #text, p{  
    color:#6DF8FF  
}
```

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 #6DF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DF8FF
}
```

## Border

The CSS property to change the border of an element to Hex 6DF8FF 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
#6DF8FF }
```

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

```
.border{ border-color:#6DF8FF }
```

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

Here you see how a box with a 4 pixel #6DF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DF8FF; -webkit-box-shadow:4px 4px  
4px 4px #6DF8FF; box-shadow:4px 4px 4px  
4px #6DF8FF }
```

# Background

The CSS property to change the background color of an element to Hex 6DF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DF8FF }
```

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

```
.background{ background-color:#6DF8FF }
```

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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