

Converting Colors

Hex(4DFFF8)

Have a look what the booklet for
Hex(4DFFF8) contains.

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Color

Hex(4DFFF8)

Conversions

Conversions Part 1

Format	Color
Hex	4DFFF8
RGB	77, 255, 248
RGB Percent	30%, 100%, 97%
CMY	0.6980, 0.0000, 0.0275
CMYK	0.70, 0.00, 0.03, 0.00
HSL	178°, 100%, 65%
HSV	178°, 70%, 100%
XYZ	55.7638, 79.8751, 101.2853
YIQ	200.9800, -103.8410, -39.9130

Conversions

Conversions Part 2

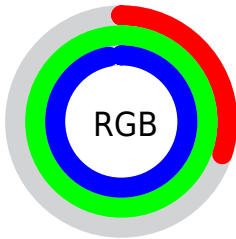
Format	Color
RYB	77, 168, 255
Decimal	5111800
CIELab	91.63, -45.34, -9.67
CIELCh	92, 46.360, 192.038
Yxy	79.8751, 0.2354, 0.3371
Android (android.graphics.Color)	4283301880 (0xFF4DFFF8)
YUV	200.9800, 23.1809, -108.7305
Hunter-Lab	89.3729, -45.0281, -4.6317

Details

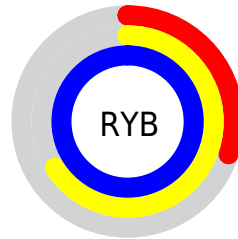
The Hex color **4DFFF8** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4D54**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **95FFFF**, and **00C6C0** is the 20% darker color. If you saturate the color by 10%, you get **34FFF7**, and if you desaturate by 10%, it is **67FFF9**.

Distribution



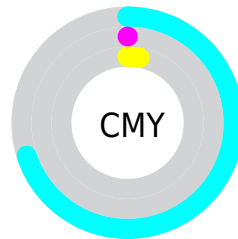
- Red (30%)
- Green (100%)
- Blue (97%)



- Red (30%)
- Yellow (66%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFFF8 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 4DFFF8 by changing the saturation by 10% instead.

 4DFFF8

FFFFFF

 95FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 4DFFF8

 10E2DC

 00C6C0

 00AAA5

 008F8A

 007471

 005B59

 004241

 002C2B

 000C18

 4DFFF8


 4DFFF8

 34FFF7

 67FFF9

 1AFFF6

 80FFFA

 01FFF5

 9AFFF8

 00FFF5

 B3FFFC

 CDFFFD

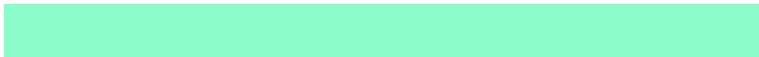
 E6FFFE

FFFFFF

Harmonies

Analogous

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



8AFDCA



4DFFF8



34FCFF

Triad

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



4DFFF8



FFD5FF



FFDB93

Complementary

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



4DFFF8



FF4D54

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.



FFCDAD



4DFFF8



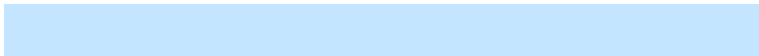
FFC8FF

Square

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



4DFFF8



C4E5FF



FFC5D6



F3EA8F

Rectangle

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



4DFFF8



5FF7FF



FFC5D6



FFD699

Sweetspot

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



4DFFF8



C9FFFD



56FF4D



60807E



000000



808080

Same Dimension

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



4DFFF8



29FFF7



4DAFFF



73807F



00BFB8



00403D

Inverse Universe

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



FF4D54



FF2931



FF9D4D



807373



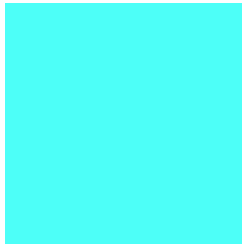
BF0008



400003

Previews

White Background



This preview shows how the Hex color 4DFFF8 looks on a white background.

Color Contrast Check

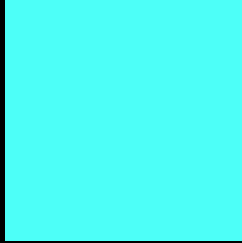
Large Text (above 18pt) WCAG AA × Fail

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 4DFFF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

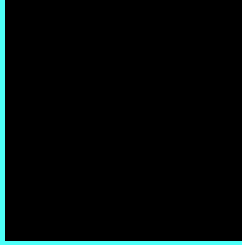
Any Text WCAG AA ✓ Pass

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 4DFFF8 Background



This preview shows how black text looks on a background with the Hex color 4DFFF8.

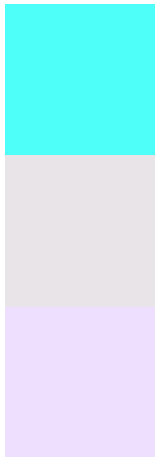


This preview shows how white text looks on a background with the Hex color 4DFFF8.

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](#).

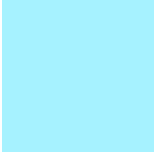
Dichromacy



Original Color
4DFFF8

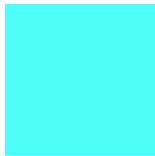
Protanopia
E8E4E8

Deuteranopia
EFDFFF



Tritanopia
A6F2FF

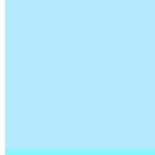
Trichromacy



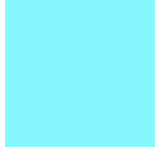
Original Color
4DFFF8



Protanomaly
B0EEEE



Deuteranomaly
B4EBFC

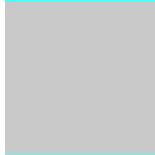


Tritanomaly
86F7FC

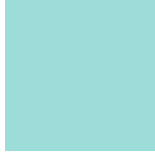
Monochromacy



Original Color
4DFFF8



Achromatopsia
C9C9C9



Achromatomaly
9CDDDA

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFFF8 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 #4DFFF8 looks like.

```
.text, #text, p{  
    color:#4DFFF8  
}
```

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 #4DFFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFFF8  
}
```

Border

The CSS property to change the border of an element to Hex 4DFFF8 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  
#4DFFF8 }
```

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

```
.border{ border-color:#4DFFF8 }
```

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

Here you see how a box with a 4 pixel #4DFFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFFF8; -webkit-box-shadow:4px 4px  
4px 4px #4DFFF8; box-shadow:4px 4px 4px  
4px #4DFFF8 }
```

Background

The CSS property to change the background color of an element to Hex 4DFFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFFF8 }
```

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

```
.background{ background-color:#4DFFF8 }
```

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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