

Converting Colors

Hex(4DF4FF)

Have a look what the booklet for
Hex(4DF4FF) contains.

| | |
|--|----|
| Hex(4DF4FF) | 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(4DF4FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 4DF4FF |
| RGB | 77, 244, 255 |
| RGB Percent | 30%, 96%, 100% |
| CMY | 0.6980, 0.0431, 0.0000 |
| CMYK | 0.70, 0.04, 0.00, 0.00 |
| HSL | 184°, 100%, 65% |
| HSV | 184°, 70%, 100% |
| XYZ | 53.4613, 73.4991, 105.9768 |
| YIQ | 195.3210, -103.0630, -31.9830 |

Conversions

Conversions Part 2

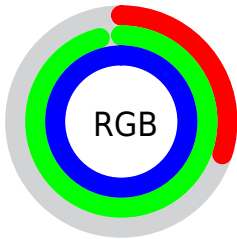
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 77, 163, 255 |
| Decimal | 5108991 |
| CIELab | 88.69, -38.50, -17.71 |
| CIELCh | 89, 42.375, 204.708 |
| Yxy | 73.4991, 0.2295, 0.3155 |
| Android (android.graphics.Color) | 4283299071 (0xFF4DF4FF) |
| YUV | 195.3210, 29.4217, -103.7675 |
| Hunter-Lab | 85.7316, -38.7199, -13.2789 |

Details

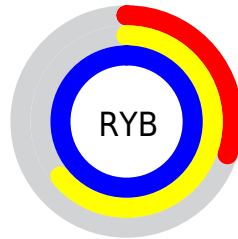
The Hex color **4DF4FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF584D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **94FFFF**, and **00BBC6** is the 20% darker color. If you saturate the color by 10%, you get **34F2FF**, and if you desaturate by 10%, it is **67F6FF**.

Distribution



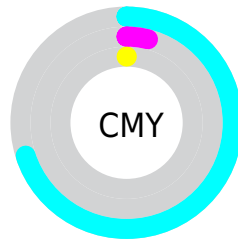
- Red (30%)
- Green (96%)
- Blue (100%)



- Red (30%)
- Yellow (64%)
- Blue (100%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DF4FF 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 4DF4FF by changing the saturation by 10% instead.

 4DF4FF

 4DF4FF

FFFFFF

 12D7E2

 94FFFF

 00BBC6

 B4FFFF

 00A0AB

 D4FFFF

 008591

 F4FFFF

 006B77

 00525E

 003A47

 002630

 00011C

 4DF4FF

 4DF4FF

 34F2FF

 67F6FF

 1AF1FF

 80F7FF

 01EFFF

 9AF9FF

 00EFFF

 B3FAFF

 CDFCFF

 E6FDFF

FFFFFF

Harmonies

Analogous

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



76F4D6



4DF4FF



5DEFFF

Triad

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



4DF4FF



FFC9FF



FFDA8E

Complementary

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



4DF4FF



FF584D

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.



FFCC9E



4DF4FF



FFC0E7

Square

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



4DF4FF



DAD7FF



FFC2BF



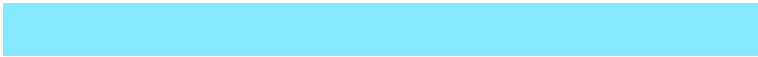
D8E694

Rectangle

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



4DF4FF



85E9FF



FFC2BF



FFD591

Sweetspot

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



4DF4FF



C9FCFF



4DFF56



607E80



000000



808080

Same Dimension

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



4DF4FF



29F2FF



4D9DFF



737F80



00B3BF



003C40

Inverse Universe

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



FF4DF4



FF29F2



FFAF4D



80737F



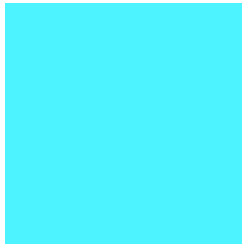
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 4DF4FF looks on a white background.

Color Contrast Check

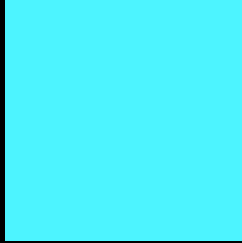
Large Text (above 18pt) WCAG AA × Fail

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 4DF4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

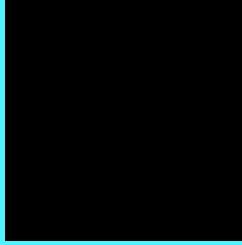
Any Text WCAG AA ✓ Pass

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 4DF4FF Background



This preview shows how black text looks on a background with the Hex color 4DF4FF.

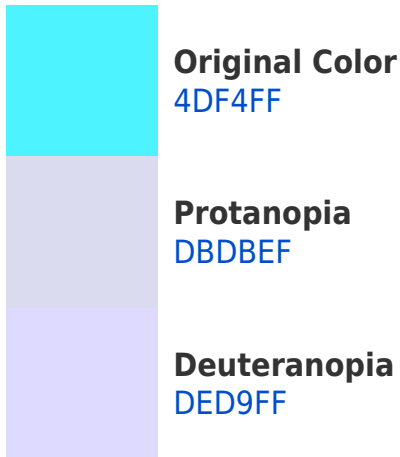


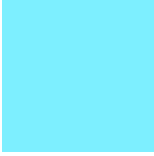
This preview shows how white text looks on a background with the Hex color 4DF4FF.

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



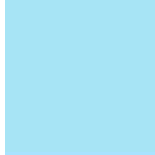


Tritanopia
7DEFFF

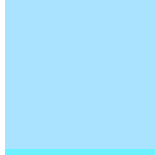
Trichromacy



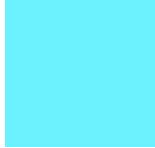
Original Color
4DF4FF



Protanomaly
A7E4F5



Deuteranomaly
A9E3FF

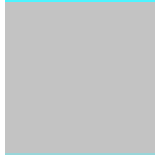


Tritanomaly
6CF1FF

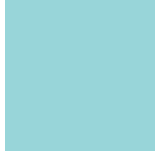
Monochromacy



Original Color
4DF4FF



Achromatopsia
C3C3C3



Achromatomaly
98D5D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DF4FF 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 #4DF4FF looks like.

```
.text, #text, p{  
    color:#4DF4FF  
}
```

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 #4DF4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DF4FF
}
```

Border

The CSS property to change the border of an element to Hex 4DF4FF 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
#4DF4FF }
```

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

```
.border{ border-color:#4DF4FF }
```

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

Here you see how a box with a 4 pixel #4DF4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DF4FF; -webkit-box-shadow:4px 4px  
4px 4px #4DF4FF; box-shadow:4px 4px 4px  
4px #4DF4FF }
```

Background

The CSS property to change the background color of an element to Hex 4DF4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DF4FF }
```

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

```
.background{ background-color:#4DF4FF }
```

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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