

Converting Colors

Hex(4DFAFF)

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

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Color

Hex(4DFAFF)

Conversions

Conversions Part 1

Format	Color
Hex	4DFAFF
RGB	77, 250, 255
RGB Percent	30%, 98%, 100%
CMY	0.6980, 0.0196, 0.0000
CMYK	0.70, 0.02, 0.00, 0.00
HSL	182°, 100%, 65%
HSV	182°, 70%, 100%
XYZ	55.2962, 77.1690, 106.5884
YIQ	198.8430, -104.7130, -35.1210

Conversions

Conversions Part 2

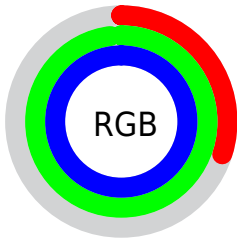
Format	Color
RYB	77, 165, 255
Decimal	5110527
CIELab	90.40, -41.21, -15.14
CIElCh	90, 43.907, 200.168
Yxy	77.1690, 0.2313, 0.3228
Android (android.graphics.Color)	4283300607 (0xFF4DFAFF)
YUV	198.8430, 27.6854, -106.8563
Hunter-Lab	87.8459, -41.3703, -10.4478

Details

The Hex color **4DFAFF** 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 **FF524D**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **95FFFF**, and **00C1C6** is the 20% darker color. If you saturate the color by 10%, you get **34F9FF**, and if you desaturate by 10%, it is **67FBFF**.

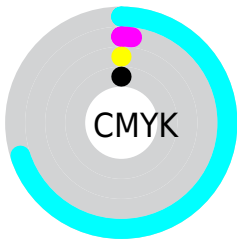
Distribution



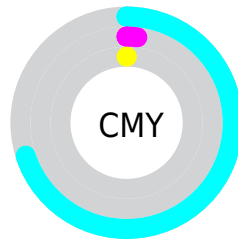
- Red (30%)
- Green (98%)
- Blue (100%)



- Red (30%)
- Yellow (65%)
- Blue (100%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4DFAFF

 4DFAFF

FFFFFF

 10DDE2

 95FFFF

 00C1C6

 B5FFFF

 00A5AB

 D5FFFF

 008A91

 F5FFFF

 007077

 00575E

 003F47

 002930

 00041C

 4DFAFF

 4DFAFF

 34F9FF

 67FBFF

 1AF9FF

 80FBFF

 01F8FF

 9AFCFF

 00F8FF

 B3FDFF

 CDFEFF

 E6FEFF

FFFFFF

Harmonies

Analogous

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



7EF9D4



4DFAFF



52F6FF

Triad

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



4DFAFF



FFCFFF



FFDC91

Complementary

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



4DFAFF



FF524D

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.



FFCEA5



4DFAFF



FFC5F3

Square

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



4DFAFF



D5DEFF



FFC4C9



E3EA93

Rectangle

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



4DFAFF



7AF0FF



FFC4C9



FFD795

Sweetspot

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



4DFAFF



C9FDFF



4DFF50



607F80



000000



808080

Same Dimension

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



4DFAFF



29F9FF



4DA3FF



737F80



00BABF



003E40

Inverse Universe

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



FF4DFA



FF29F9



FFA94D



80737F



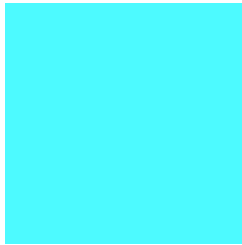
BF00BA



40003E

Previews

White Background



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

Color Contrast Check

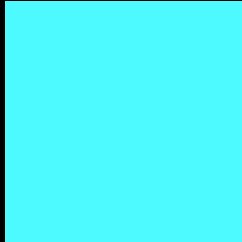
Large Text (above 18pt) WCAG AA × Fail

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 4DFAFF 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

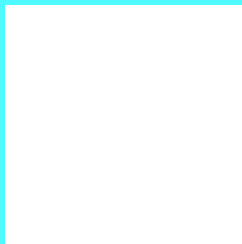
Any Text WCAG AAA ✓ Pass

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

Hex 4DFAFF Background



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

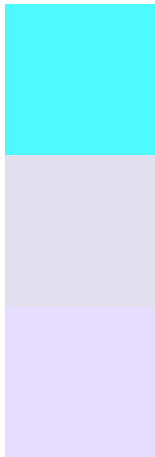


This preview shows how white text looks on a background with the Hex color 4DFAFF.

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](#).

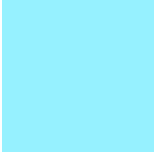
Dichromacy



Original Color
4DFAFF

Protanopia
E2E0EF

Deuteranopia
E5DDFF

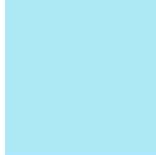


Tritanopia
96F1FF

Trichromacy



Original Color
4DFAFF



Protanomaly
ACE9F5



Deuteranomaly
AEE8FF

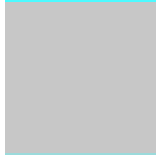


Tritanomaly
7BF4FF

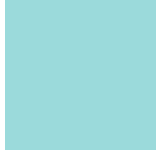
Monochromacy



Original Color
4DFAFF



Achromatopsia
C7C7C7



Achromatomaly
9BDADB

CSS Examples

Text

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

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

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 #4DFAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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