

# Converting Colors

Hex(4DFFEE)

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

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# Color

Hex(4DFFEE)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 4DFFEE                        |
| RGB         | 77, 255, 238                  |
| RGB Percent | 30%, 100%, 93%                |
| CMY         | 0.6980, 0.0000, 0.0667        |
| CMYK        | 0.70, 0.00, 0.07, 0.00        |
| HSL         | 174°, 100%, 65%               |
| HSV         | 174°, 70%, 100%               |
| XYZ         | 54.2532, 79.2708, 93.3303     |
| YIQ         | 199.8400, -100.6310, -43.0230 |

# Conversions

## Conversions Part 2

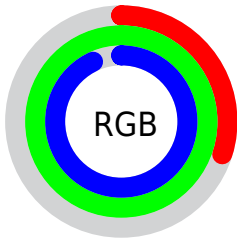
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">77, 170, 255</a>                 |
| Decimal                             | <a href="#">5111790</a>                      |
| CIELab                              | <a href="#">91.36, -47.98, -4.89</a>         |
| CIELCh                              | <a href="#">91, 48.231, 185.815</a>          |
| Yxy                                 | <a href="#">79.2708, 0.2392, 0.3494</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4283301870<br/>(0xFF4DFFEE)</a>  |
| YUV                                 | <a href="#">199.8400, 18.8129, -107.7307</a> |
| Hunter-Lab                          | <a href="#">89.0342, -47.0404, 0.1730</a>    |

# Details

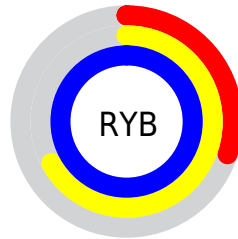
The Hex color **4DFFEE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4D5E**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **94FFFF**, and **00C5B6** is the 20% darker color. If you saturate the color by 10%, you get **34FFEC**, and if you desaturate by 10%, it is **67FFF0**.

# Distribution



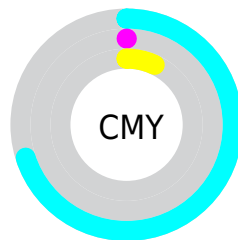
- Red (30%)
- Green (100%)
- Blue (93%)



- Red (30%)
- Yellow (67%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 4DFFEE

 4DFFEE

FFFFFF

 13E2D2

 94FFFF

 00C5B6

 B4FFFF

 00AA9B

 D4FFFF

 008E81

 F4FFFF

 007468

 005A50

 00423A

 002C24

 000A10

 4DFFEE

 4DFFEE

 34FFEC

 67FFF0

 1AFFE9

 80FFF3

 01FFE7

 9AFFF5

 00FFE7

 B3FFF8

 CDFFFA

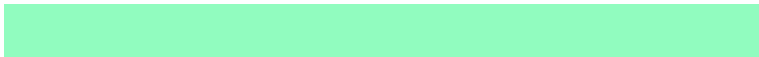
 E6FFFD

FFFFFF

# Harmonies

## Analogous

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



91FCBF



4DFFEE



00FDFF

# Triad

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



4DFFEE



F7D7FF



FFD693

# Complementary

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



4DFFEE



FF4D5E

# 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.



FFC8B2



4DFFEE



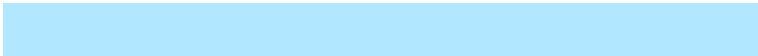
FFC8FF

# Square

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



4DFFEE



B1E8FF



FFC2DF



FCE689

# Rectangle

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



4DFFEE



3CF8FF



FFC2DF



FFD19B



# Sweetspot

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



4DFFEE



C9FFFA



5FFF4D



60807C



000000



808080



# Same Dimension

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



4DFFEE



29FFEB



4DB8FF



73807E



00BFAD



00403A



# Inverse Universe

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



FF4D5E



FF293D



FF944D



807374



BF0012

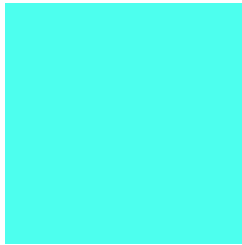


400006



# Previews

## White Background



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

## Color Contrast Check

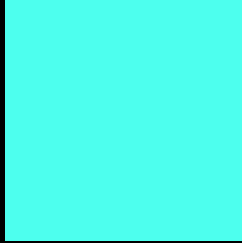
Large Text (above 18pt) WCAG AA × Fail

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 4DFFEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

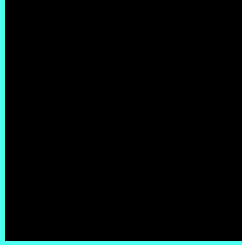
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DFFEE Background



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

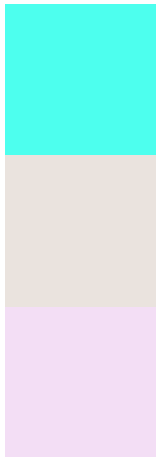


This preview shows how white text looks on a background with the Hex color 4DFFEE.

# 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](#).

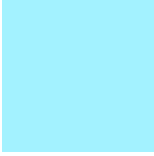
## Dichromacy



**Original Color**  
4DFEED

**Protanopia**  
EAE3DE

**Deuteranopia**  
F3DEF5

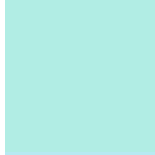


**Tritanopia**  
A3F2FF

# Trichromacy



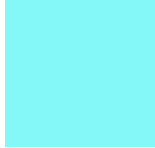
**Original Color**  
4DFFEE



**Protanomaly**  
B1EDE4



**Deuteranomaly**  
B7EAF2

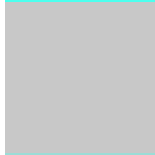


**Tritanomaly**  
84F7F9

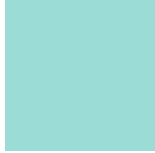
# Monochromacy



**Original Color**  
4DFFEE



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
9BDCD6

# CSS Examples

## Text

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

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

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 #4DFFEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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