

Converting Colors

Hex(4DFFE9)

Have a look what the booklet for
Hex(4DFFE9) contains.

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Color

Hex(4DFFE9)

Conversions

Conversions Part 1

Format	Color
Hex	4DFFE9
RGB	77, 255, 233
RGB Percent	30%, 100%, 91%
CMY	0.6980, 0.0000, 0.0863
CMYK	0.70, 0.00, 0.09, 0.00
HSL	173°, 100%, 65%
HSV	173°, 70%, 100%
XYZ	53.5285, 78.9810, 89.5144
YIQ	199.2700, -99.0260, -44.5780

Conversions

Conversions Part 2

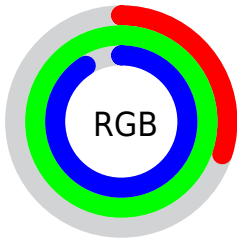
Format	Color
RYB	77, 172, 255
Decimal	5111785
CIELab	91.23, -49.27, -2.49
CIELCh	91, 49.335, 182.890
Yxy	78.9810, 0.2411, 0.3557
Android (android.graphics.Color)	4283301865 (0xFF4DFFE9)
YUV	199.2700, 16.6289, -107.2308
Hunter-Lab	88.8712, -48.0113, 2.4908

Details

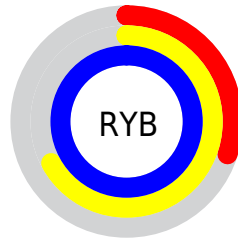
The Hex color **4DFFE9** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4D63**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **94FFFF**, and **00C5B1** is the 20% darker color. If you saturate the color by 10%, you get **34FFE6**, and if you desaturate by 10%, it is **67FFEC**.

Distribution



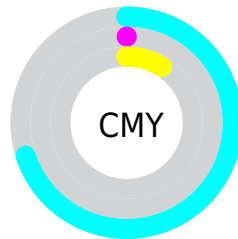
- Red (30%)
- Green (100%)
- Blue (91%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFFE9 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 4DFFE9 by changing the saturation by 10% instead.

 4DFFE9

FFFFFF

 94FFFF

 B4FFFF

 D4FFFF

 F3FFFF

 4DFFE9

 14E2CD

 00C5B1

 00AA97

 008E7D

 007464

 005A4C

 004136

 002C20

 00090A

 4DFFE9

 4DFFE9

 34FFE6

 67FFEC

 1AFFE3

 80FFEF

 01FFE0

 9AFFF2

 00FFDF

 B3FFF6

 CDFFF9

 E6FFFC

FFFFFF

Harmonies

Analogous

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



95FBB9



4DFFE9



00FDFF

Triad

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



4DFFE9



F1D8FF



FFD493

Complementary

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



4DFFE9



FF4D63

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.



FFC6B5



4DFFE9



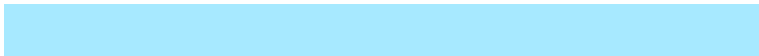
FFC8FF

Square

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



4DFFE9



A7E9FF



FFC0E3



FFE586

Rectangle

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



4DFFE9



1EF9FF



FFC0E3



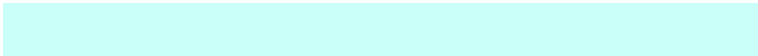
FFCF9C

Sweetspot

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



4DFFE9



C9FFF8



65FF4D



60807C



000000



808080

Same Dimension

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



4DFFE9



29FFE5



4DBEFF



73807E



00BFA8



004038

Inverse Universe

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



FF4D63



FF2943



FF8E4D



807374



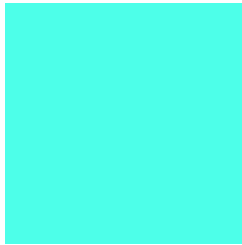
BF0018



400008

Previews

White Background



This preview shows how the Hex color 4DFFE9 looks on a white background.

Color Contrast Check

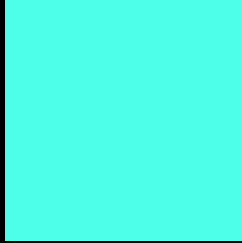
Large Text (above 18pt) WCAG AA × Fail

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 4DFFE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

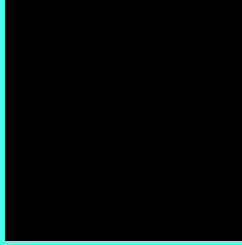
Any Text WCAG AA ✓ Pass

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 4DFFE9 Background



This preview shows how black text looks on a background with the Hex color 4DFFE9.

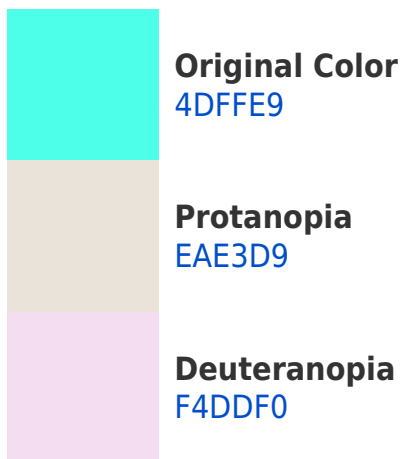


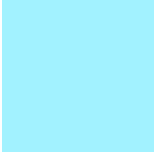
This preview shows how white text looks on a background with the Hex color 4DFFE9.

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](#).

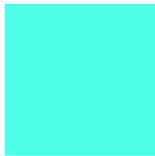
Dichromacy





Tritanopia
A2F2FF

Trichromacy



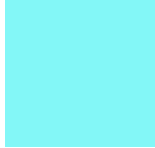
Original Color
4DFFE9



Protanomaly
B1EDDF

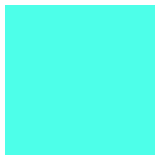


Deuteranomaly
B7E9ED

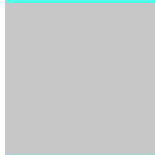


Tritanomaly
83F7F7

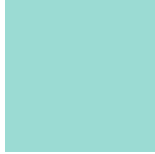
Monochromacy



Original Color
4DFFE9



Achromatopsia
C7C7C7



Achromatomaly
9BDBD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFFE9 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 #4DFFE9 looks like.

```
.text, #text, p{  
    color:#4DFFE9  
}
```

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 #4DFFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFFE9
}
```

Border

The CSS property to change the border of an element to Hex 4DFFE9 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
#4DFFE9 }
```

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

```
.border{ border-color:#4DFFE9 }
```

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

Here you see how a box with a 4 pixel #4DFFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFFE9; -webkit-box-shadow:4px 4px  
4px 4px #4DFFE9; box-shadow:4px 4px 4px  
4px #4DFFE9 }
```

Background

The CSS property to change the background color of an element to Hex 4DFFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFFE9 }
```

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

```
.background{ background-color:#4DFFE9 }
```

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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