

Converting Colors

Hex(74F6DF)

Have a look what the booklet for
Hex(74F6DF) contains.

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Color

Hex(74F6DF)

Conversions

Conversions Part 1

Format	Color
Hex	74F6DF
RGB	116, 246, 223
RGB Percent	45%, 96%, 87%
CMY	0.5451, 0.0353, 0.1255
CMYK	0.53, 0.00, 0.09, 0.04
HSL	169°, 88%, 71%
HSV	169°, 53%, 96%
XYZ	53.4775, 74.9523, 81.4607
YIQ	204.5080, -70.0970, -34.7130

Conversions

Conversions Part 2

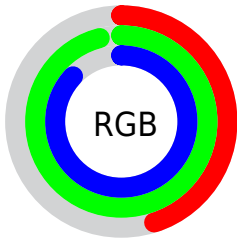
Format	Color
RYB	116, 187, 246
Decimal	7665375
CIELab	89.37, -41.41, 0.11
CIELCh	89, 41.408, 179.846
Yxy	74.9523, 0.2548, 0.3571
Android (android.graphics.Color)	4285855455 (0xFF74F6DF)
YUV	204.5080, 9.1166, -77.6215
Hunter-Lab	86.5750, -41.2464, 4.8149

Details

The Hex color **74F6DF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F6748B**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **B0FFFF**, and **30BDA8** is the 20% darker color. If you saturate the color by 10%, you get **5BF6DB**, and if you desaturate by 10%, it is **8DF6E3**.

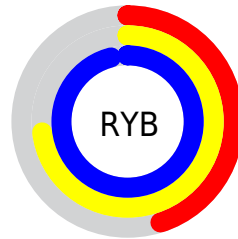
Distribution



Red (45%)

Green (96%)

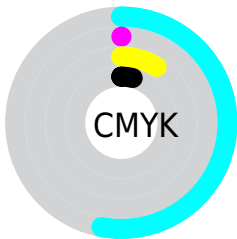
Blue (87%)



Red (45%)

Yellow (73%)

Blue (96%)

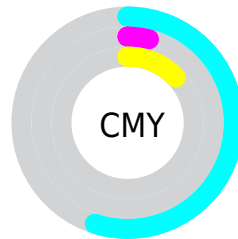


Cyan (53%)

Magenta (0%)

Yellow (9%)

Black (4%)



Cyan (55%)

Magenta (4%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74F6DF 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 74F6DF by changing the saturation by 10% instead.

 74F6DF

 74F6DF

FFFFFF

 54D9C3

 B0FFFF

 30BDA8

 CEFFFF

 00A28E

 EDFFFF

 008774

 006D5B

 005444

 003B2E

 002719

 000000

 74F6DF

 74F6DF

 5BF6DB

 8DF6E3

 43F6D6

 A5F6E8

 2AF6D2

 BEF6EC

 12F6CE

 D6F6F0

 00F6CA

 EFF6F5

 FFF6F9

 FFF6FD

 FFF6FF

Harmonies

Analogous

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



A4F2B8



74F6DF



54F5FF

Triad

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



74F6DF



E5D6FF



FFD09D

Complementary

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



74F6DF



F6748B

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.



FFC6BB



74F6DF



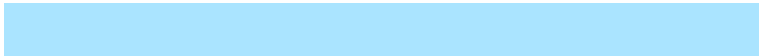
FFC9FF

Square

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



74F6DF



AAE4FF



FFC3E2



FCDE91

Rectangle

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



74F6DF



5FF2FF



FFC3E2



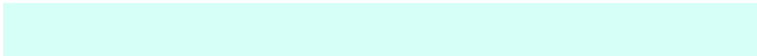
FFCCA6

Sweetspot

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



74F6DF



D6FFF8



8CF674



67807B



000000



808080

Same Dimension

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



74F6DF



5EFFE3



74CDF6



6E7A78



00BA99



003B30

Inverse Universe

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



F6748B



FF5E7B



F69D74



7A6E70



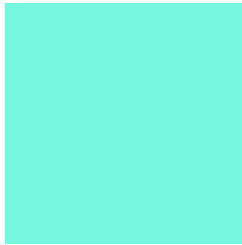
BA0021



3B000A

Previews

White Background



This preview shows how the Hex color 74F6DF looks on a white background.

Color Contrast Check

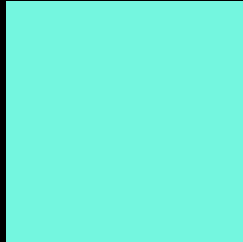
Large Text (above 18pt) WCAG AA × Fail

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 74F6DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

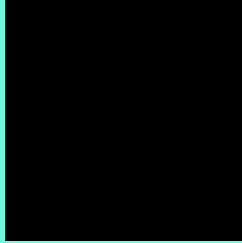
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

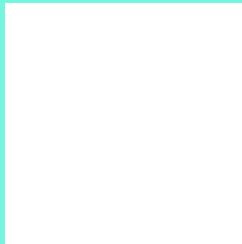
Any Text WCAG AAA ✓ Pass

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

Hex 74F6DF Background



This preview shows how black text looks on a background with the Hex color 74F6DF.

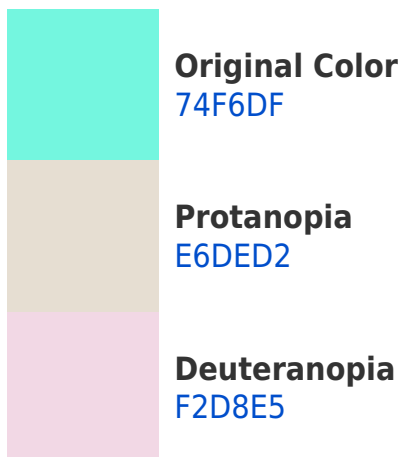


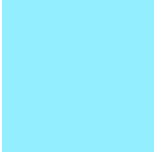
This preview shows how white text looks on a background with the Hex color 74F6DF.

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



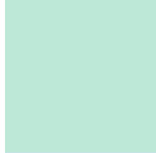


Tritanopia
93EEFF

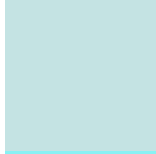
Trichromacy



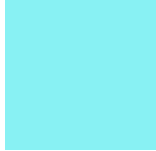
Original Color
74F6DF



Protanomaly
BDE7D7

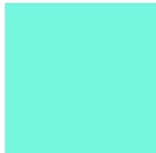


Deuteranomaly
C4E3E3

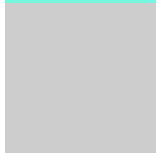


Tritanomaly
88F1F3

Monochromacy



Original Color
74F6DF



Achromatopsia
CDCDCD



Achromatomaly
ADDCD4

CSS Examples

Text

The CSS property to change the color of the text to Hex 74F6DF 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 #74F6DF looks like.

```
.text, #text, p{  
    color:#74F6DF  
}
```

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 #74F6DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74F6DF
}
```

Border

The CSS property to change the border of an element to Hex 74F6DF 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
#74F6DF }
```

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

```
.border{ border-color:#74F6DF }
```

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

Here you see how a box with a 4 pixel #74F6DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74F6DF; -webkit-box-shadow:4px 4px  
4px 4px #74F6DF; box-shadow:4px 4px 4px  
4px #74F6DF }
```

Background

The CSS property to change the background color of an element to Hex 74F6DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74F6DF }
```

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

```
.background{ background-color:#74F6DF }
```

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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