

Converting Colors

Hex(78F6DF)

Have a look what the booklet for
Hex(78F6DF) contains.

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Color

Hex(78F6DF)

Conversions

Conversions Part 1

Format	Color
Hex	78F6DF
RGB	120, 246, 223
RGB Percent	47%, 96%, 87%
CMY	0.5294, 0.0353, 0.1255
CMYK	0.51, 0.00, 0.09, 0.04
HSL	169°, 88%, 72%
HSV	169°, 51%, 96%
XYZ	54.0208, 75.2323, 81.4861
YIQ	205.7040, -67.7130, -33.8650

Conversions

Conversions Part 2

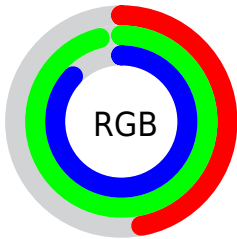
Format	Color
R_{YB}	120, 189, 246
Decimal	7927519
CIE Lab	89.50, -40.58, 0.32
CIE LCh	90, 40.581, 179.551
Yxy	75.2323, 0.2563, 0.3570
Android (android.graphics.Color)	4286117599 (0xFF78F6DF)
YUV	205.7040, 8.5269, -75.1624
Hunter-Lab	86.7366, -40.6166, 5.0146

Details

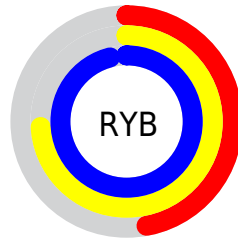
The Hex color **78F6DF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F6788F**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B4FFFF**, and **37BDA8** is the 20% darker color. If you saturate the color by 10%, you get **5FF6DB**, and if you desaturate by 10%, it is **91F6E3**.

Distribution



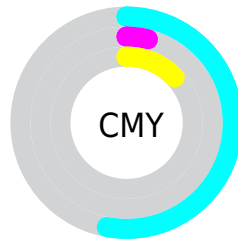
- Red (47%)
- Green (96%)
- Blue (87%)



- Red (47%)
- Yellow (74%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78F6DF 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 78F6DF by changing the saturation by 10% instead.

 78F6DF

 78F6DF

FFFFFF

 59D9C3

 B4FFFF

 37BDA8

 D2FFFF

 00A28E

 F0FFFF

 008774

 006D5B

 005444

 003C2E

 002719

 000000

 78F6DF

 78F6DF

 5FF6DB

 91F6E3

 47F6D6

 A9F6E8

 2EF6D2

 C2F6EC

 16F6CD

 DAF6F1

 00F6C9

 F3F6F5

 FFF6FA

 FFF6FE

 FFF6FF

Harmonies

Analogous

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



A6F2B8



78F6DF



5AF5FF

Triad

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



78F6DF



E5D7FF



FFD19F

Complementary

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



78F6DF



F6788F

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.



FFC7BD



78F6DF



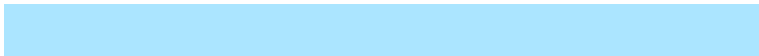
FFCAFF

Square

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



78F6DF



ABE5FF



FFC4E3



FCDE93

Rectangle

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



78F6DF



64F2FF



FFC4E3



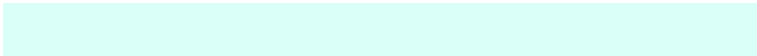
FFCDA8

Sweetspot

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



78F6DF



D9FFF8



8FF678



69807B



000000



808080

Same Dimension

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



78F6DF



63FFE3



78CEF6



6E7A78



00BA98



003B30

Inverse Universe

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



F6788F



FF6380



F6A078



7A6E70



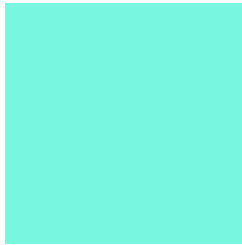
BA0022



3B000B

Previews

White Background



This preview shows how the Hex color 78F6DF looks on a white background.

Color Contrast Check

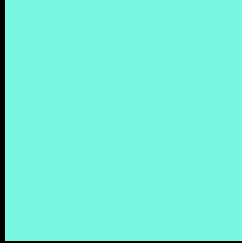
Large Text (above 18pt) WCAG AA × Fail

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 78F6DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

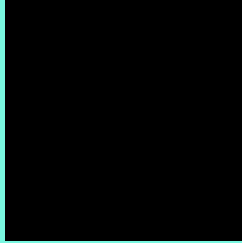
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

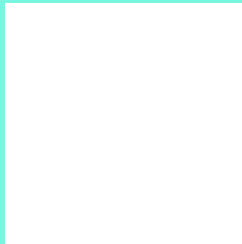
Any Text WCAG AAA ✓ Pass

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

Hex 78F6DF Background



This preview shows how black text looks on a background with the Hex color 78F6DF.

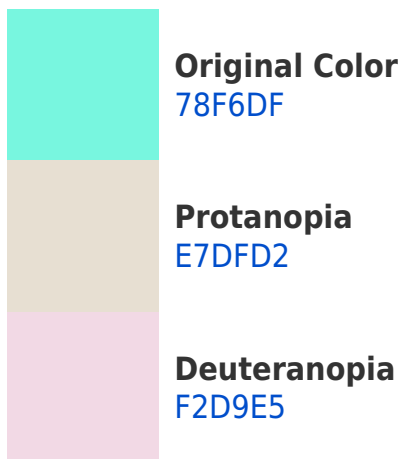


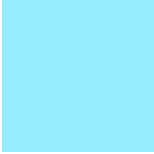
This preview shows how white text looks on a background with the Hex color 78F6DF.

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
96EEFF

Trichromacy



Original Color
78F6DF



Protanomaly
BFE7D7



Deuteranomaly
C6E4E3

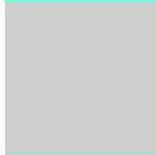


Tritanomaly
8BF1F3

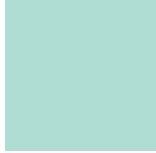
Monochromacy



Original Color
78F6DF



Achromatopsia
CECECE



Achromatomaly
AFDDD4

CSS Examples

Text

The CSS property to change the color of the text to Hex 78F6DF 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 #78F6DF looks like.

```
.text, #text, p{  
    color:#78F6DF  
}
```

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 #78F6DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78F6DF
}
```

Border

The CSS property to change the border of an element to Hex 78F6DF 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
#78F6DF }
```

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

```
.border{ border-color:#78F6DF }
```

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

Here you see how a box with a 4 pixel #78F6DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78F6DF; -webkit-box-shadow:4px 4px  
4px 4px #78F6DF; box-shadow:4px 4px 4px  
4px #78F6DF }
```

Background

The CSS property to change the background color of an element to Hex 78F6DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78F6DF }
```

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

```
.background{ background-color:#78F6DF }
```

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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