

Converting Colors

Hex(77F6F1)

Have a look what the booklet for
Hex(77F6F1) contains.

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Color

Hex(77F6F1)

Conversions

Conversions Part 1

Format	Color
Hex	77F6F1
RGB	119, 246, 241
RGB Percent	47%, 96%, 95%
CMY	0.5333, 0.0353, 0.0549
CMYK	0.52, 0.00, 0.02, 0.04
HSL	178°, 88%, 72%
HSV	178°, 52%, 96%
XYZ	56.4407, 76.1843, 94.9494
YIQ	207.4570, -74.0870, -28.4790

Conversions

Conversions Part 2

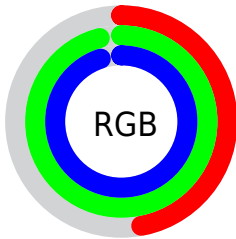
Format	Color
R_{YB}	119, 184, 246
Decimal	7862001
CIE _{Lab}	89.94, -36.40, -8.41
CIE _{LCh}	90, 37.355, 193.016
Yxy	76.1843, 0.2480, 0.3348
Android (android.graphics.Color)	4286052081 (0xFF77F6F1)
YUV	207.4570, 16.5367, -77.5768
Hunter-Lab	87.2836, -37.3219, -3.3986

Details

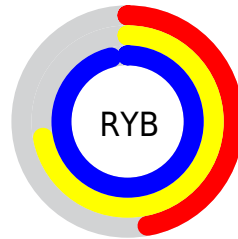
The Hex color **77F6F1** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F6777C**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **B4FFFF**, and **33BDB9** is the 20% darker color. If you saturate the color by 10%, you get **5EF6F0**, and if you desaturate by 10%, it is **90F6F2**.

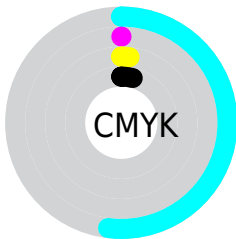
Distribution



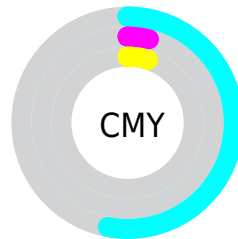
- Red (47%)
- Green (96%)
- Blue (95%)



- Red (47%)
- Yellow (72%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77F6F1 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 77F6F1 by changing the saturation by 10% instead.

 77F6F1

 77F6F1

FFFFFF

 57D9D5

 B4FFFF

 33BDB9

 D2FFFF

 00A29E

 F0FFFF

 008784

 006D6B

 005453

 003C3C

 002726

 000112

 77F6F1

 77F6F1

 5EF6F0

 90F6F2

 46F6EF

 A8F6F3

 2DF6EE

 C1F6F4

 15F6ED

 D9F6F5

 00F6EC

 F2F6F6

 FFF6F7

 FFF6F8

 FFF6F9

 FFF6FA

Harmonies

Analogous

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



9AF4CC



77F6F1



72F3FF

Triad

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



77F6F1



FBD4FF



FFD99E

Complementary

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



77F6F1



F6777C

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.



FFCEB3



77F6F1



FFCAF8

Square

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



77F6F1



CBE0FF



FFC8D4



ECE59C

Rectangle

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



77F6F1



86EFFF



FFC8D4



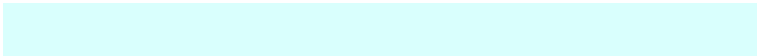
FFD5A4

Sweetspot

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



77F6F1



D9FFFD



7DF677



69807F



000000



808080

Same Dimension

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



77F6F1



61FFF9



77BDF6



6E7A7A



00BAB3



003B38

Inverse Universe

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



F6777C



FF6167



F6B077



7A6E6F



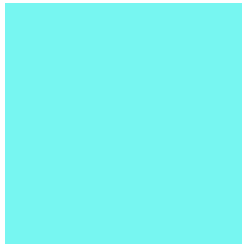
BA0007



3B0002

Previews

White Background



This preview shows how the Hex color 77F6F1 looks on a white background.

Color Contrast Check

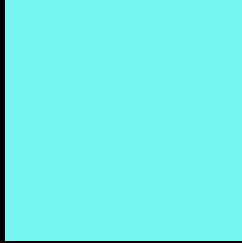
Large Text (above 18pt) WCAG AA × Fail

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 77F6F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

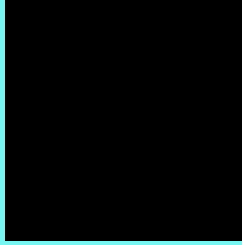
Any Text WCAG AA ✓ Pass

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 77F6F1 Background



This preview shows how black text looks on a background with the Hex color 77F6F1.

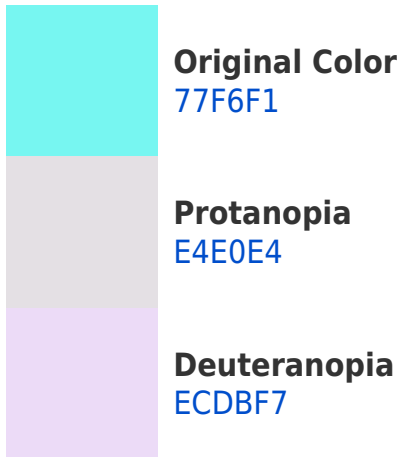


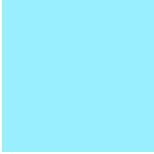
This preview shows how white text looks on a background with the Hex color 77F6F1.

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
9AEFFF

Trichromacy



Original Color

77F6F1



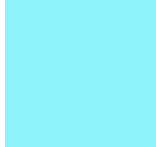
Protanomaly

BCE8E9



Deuteranomaly

C1E5F5



Tritanomaly

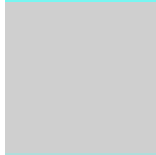
8DF2FA

Monochromacy



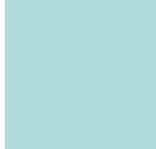
Original Color

77F6F1



Achromatopsia

CFCFCF



Achromatomaly

AFDDDB

CSS Examples

Text

The CSS property to change the color of the text to Hex 77F6F1 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 #77F6F1 looks like.

```
.text, #text, p{  
    color:#77F6F1  
}
```

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 #77F6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F6F1
}
```

Border

The CSS property to change the border of an element to Hex 77F6F1 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
#77F6F1 }
```

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

```
.border{ border-color:#77F6F1 }
```

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

Here you see how a box with a 4 pixel #77F6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F6F1; -webkit-box-shadow:4px 4px  
4px 4px #77F6F1; box-shadow:4px 4px 4px  
4px #77F6F1 }
```

Background

The CSS property to change the background color of an element to Hex 77F6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F6F1 }
```

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

```
.background{ background-color:#77F6F1 }
```

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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