

Converting Colors

Hex(75FDF6)

Have a look what the booklet for
Hex(75FDF6) contains.

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Color

Hex(75FDF6)

Conversions

Conversions Part 1

Format	Color
Hex	75FDF6
RGB	117, 253, 246
RGB Percent	46%, 99%, 96%
CMY	0.5412, 0.0078, 0.0353
CMYK	0.54, 0.00, 0.03, 0.01
HSL	177°, 97%, 73%
HSV	177°, 54%, 99%
XYZ	59.0960, 80.6863, 99.6481
YIQ	211.5380, -78.8090, -31.0090

Conversions

Conversions Part 2

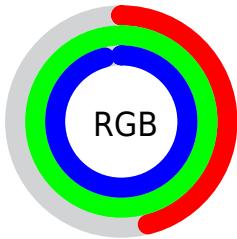
Format	Color
RYB	117, 187, 253
Decimal	7732726
CIELab	91.99, -38.73, -7.98
CIELCh	92, 39.544, 191.649
Yxy	80.6863, 0.2468, 0.3370
Android (android.graphics.Color)	4285922806 (0xFF75FDF6)
YUV	211.5380, 16.9898, -82.9098
Hunter-Lab	89.8255, -39.7601, -2.8956

Details

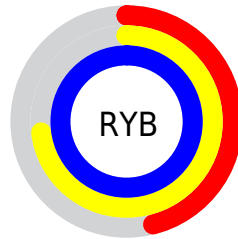
The Hex color **75FDF6** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FD757C**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **B3FFFF**, and **2DC4BE** is the 20% darker color. If you saturate the color by 10%, you get **5CFDF5**, and if you desaturate by 10%, it is **8EFDF7**.

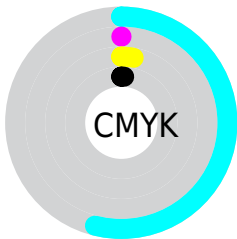
Distribution



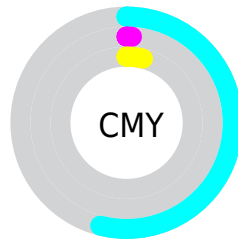
- Red (46%)
- Green (99%)
- Blue (96%)



- Red (46%)
- Yellow (73%)
- Blue (99%)



- Cyan (54%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (54%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75FDF6 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 75FDF6 by changing the saturation by 10% instead.

 75FDF6

 75FDF6

FFFFFF

 54E0DA

 B3FFFF

 2DC4BE

 D1FFFF

 00A8A3

 F0FFFF

 008D89

 00736F

 005A57

 004240

 002B2A

 000E16

 75FDF6

 75FDF6

 5CFDF5

 8EFDF7

 42FDF3

 A8FDF9

 29FDF2

 C1FDFA

 10FDF1

 DAFDFB

 00FDF0

 F3FDFD

 FFFDFE

 FFFDFF

Harmonies

Analogous

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



9DFBCF



75FDF6



6CFAFF

Triad

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



75DF6



FFD9FF



FFDEA1

Complementary

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



75FDF6



FD757C

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.



FFD2B7



75FDF6



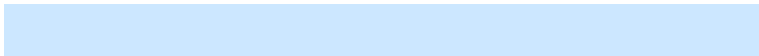
FFCEFF

Square

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



75DF6



CCE7FF



FFCCDA



F4EA9D

Rectangle

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



75DF6



82F6FF



FFCCDA



FFD9A6

Sweetspot

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



75FDF6



D6FFFD



7EFD75



67807E



000000



808080

Same Dimension

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



75FDF6



59FFF6



75C2FD



73807F



00BFB5



00403C

Inverse Universe

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



FD757C



FF5962



FDB075



807373



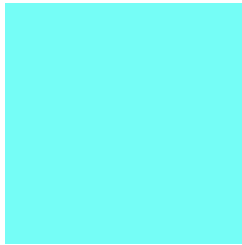
BF000A



400003

Previews

White Background



This preview shows how the Hex color 75FDF6 looks on a white background.

Color Contrast Check

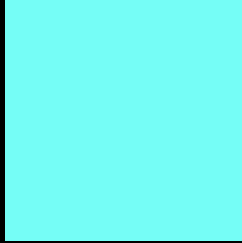
Large Text (above 18pt) WCAG AA × Fail

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 75FDF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

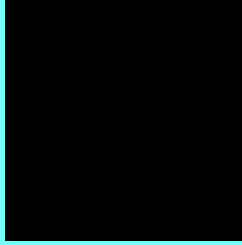
Any Text WCAG AA ✓ Pass

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 75FDF6 Background



This preview shows how black text looks on a background with the Hex color 75FDF6.

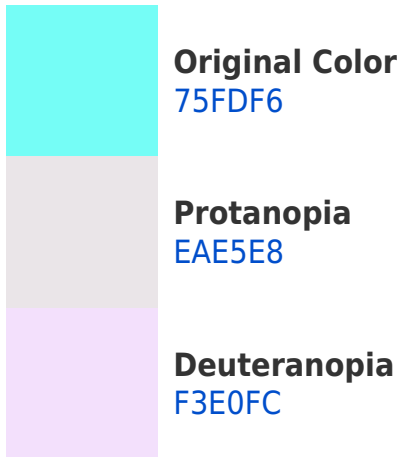


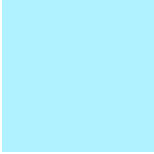
This preview shows how white text looks on a background with the Hex color 75FDF6.

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



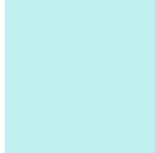


Tritanopia
B0F2FF

Trichromacy



Original Color
75FDF6



Protanomaly
BFEEED



Deuteranomaly
C5EBFA

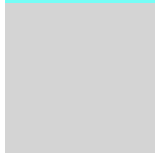


Tritanomaly
9BF6FC

Monochromacy



Original Color
75FDF6



Achromatopsia
D4D4D4



Achromatomaly
B1E3E0

CSS Examples

Text

The CSS property to change the color of the text to Hex 75FDF6 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 #75FDF6 looks like.

```
.text, #text, p{  
    color:#75FDF6  
}
```

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 #75FDF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75FDF6  
}
```

Border

The CSS property to change the border of an element to Hex 75FDF6 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  
#75FDF6 }
```

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

```
.border{ border-color:#75FDF6 }
```

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

Here you see how a box with a 4 pixel #75FDF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75FDF6; -webkit-box-shadow:4px 4px  
4px 4px #75FDF6; box-shadow:4px 4px 4px  
4px #75FDF6 }
```

Background

The CSS property to change the background color of an element to Hex 75FDF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75FDF6 }
```

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

```
.background{ background-color:#75FDF6 }
```

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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