

Converting Colors

Hex(76D8F3)

Have a look what the booklet for
Hex(76D8F3) contains.

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Color

Hex(76D8F3)

Conversions

Conversions Part 1

Format	Color
Hex	76D8F3
RGB	118, 216, 243
RGB Percent	46%, 85%, 95%
CMY	0.5373, 0.1529, 0.0471
CMYK	0.51, 0.11, 0.00, 0.05
HSL	193°, 84%, 71%
HSV	193°, 51%, 95%
XYZ	48.2047, 59.4344, 93.7253
YIQ	189.7760, -67.0750, -12.3790

Conversions

Conversions Part 2

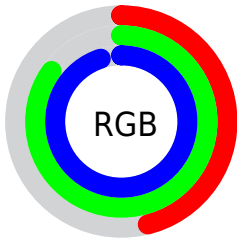
Format	Color
RYB	118, 173, 243
Decimal	7788787
CIELab	81.53, -21.65, -22.10
CIELCh	82, 30.935, 225.586
Yxy	59.4344, 0.2394, 0.2952
Android (android.graphics.Color)	4285978867 (0xFF76D8F3)
YUV	189.7760, 26.2394, -62.9476
Hunter-Lab	77.0937, -23.3024, -18.1152

Details

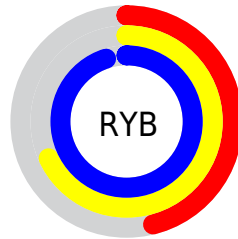
The Hex color **76D8F3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F39176**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B1FFFF**, and **36A1BB** is the 20% darker color. If you saturate the color by 10%, you get **5ED3F3**, and if you desaturate by 10%, it is **8EDDF3**.

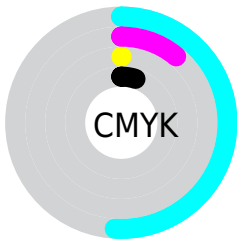
Distribution



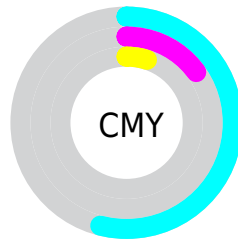
- Red (46%)
- Green (85%)
- Blue (95%)



- Red (46%)
- Yellow (68%)
- Blue (95%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76D8F3 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 76D8F3 by changing the saturation by 10% instead.

 76D8F3

 76D8F3

FFFFFF

 58BCD7

 B1FFFF

 36A1BB

 CFFFFFF

 0087A0

 EDFFFF

 006D86

 00556C

 003D54

 00273D

 000D27

 000111

 76D8F3

 76D8F3

 5ED3F3

 8EDDF3

 45CEF3

 A7E2F3

 2DC8F3

 BFE8F3

 15C3F3

 D7EDF3

 00BFF3

 EFF2F3

 FFF7F3

 FFFDF3

 FFFFF3

Harmonies

Analogous

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



76DBD9



76D8F3



93D1FF

Triad

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



76D8F3



FBB7DA



D0CE92

Complementary

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



76D8F3



F39176

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.



ECC493



76D8F3



FFB6BC

Square

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



76D8F3



E2BEF3



FFBBA2



AFD5A1

Rectangle

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



76D8F3



AECBFF



FFBBA2



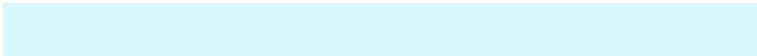
DACA91

Sweetspot

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



76D8F3



D9F7FF



76F38F



697B80



000000



808080

Same Dimension

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



76D8F3



61DDFF



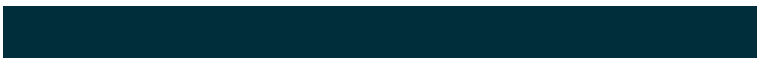
769BF3



6E787A



0092BA



002E3B

Inverse Universe

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



F376D8



FF61DD



F3CD76



7A6E78



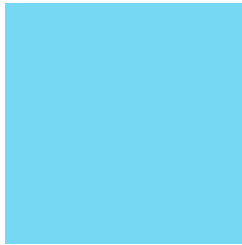
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 76D8F3 looks on a white background.

Color Contrast Check

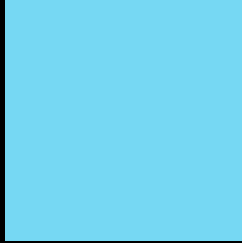
Large Text (above 18pt) WCAG AA × Fail

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 76D8F3 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 76D8F3 Background



This preview shows how black text looks on a background with the Hex color 76D8F3.

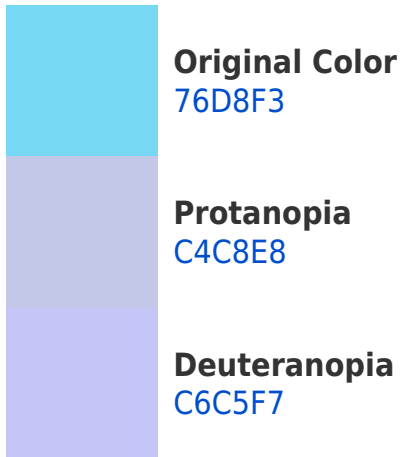


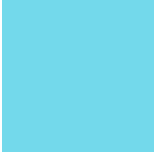
This preview shows how white text looks on a background with the Hex color 76D8F3.

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](#).

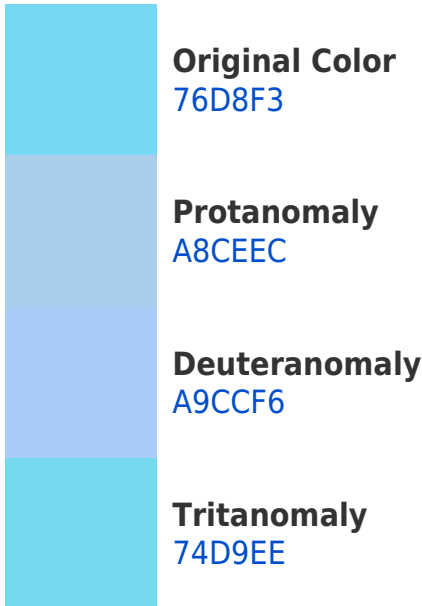
Dichromacy



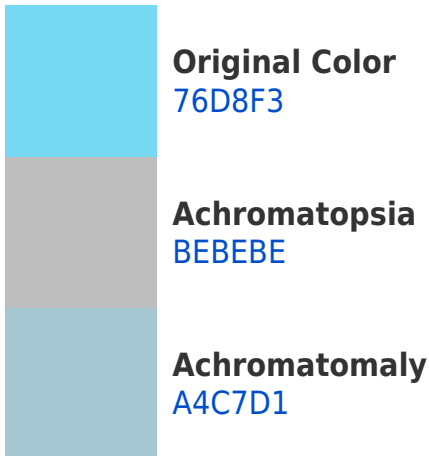


Tritanopia
73D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76D8F3 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 #76D8F3 looks like.

```
.text, #text, p{  
    color:#76D8F3  
}
```

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 #76D8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D8F3
}
```

Border

The CSS property to change the border of an element to Hex 76D8F3 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
#76D8F3 }
```

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

```
.border{ border-color:#76D8F3 }
```

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

Here you see how a box with a 4 pixel #76D8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D8F3; -webkit-box-shadow:4px 4px  
4px 4px #76D8F3; box-shadow:4px 4px 4px  
4px #76D8F3 }
```

Background

The CSS property to change the background color of an element to Hex 76D8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D8F3 }
```

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

```
.background{ background-color:#76D8F3 }
```

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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