

Converting Colors

Hex(76D3DF)

Have a look what the booklet for
Hex(76D3DF) contains.

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Color

Hex(76D3DF)

Conversions

Conversions Part 1

Format	Color
Hex	76D3DF
RGB	118, 211, 223
RGB Percent	46%, 83%, 87%
CMY	0.5373, 0.1725, 0.1255
CMYK	0.47, 0.05, 0.00, 0.13
HSL	187°, 62%, 67%
HSV	187°, 47%, 87%
XYZ	44.0848, 55.7678, 78.2528
YIQ	184.5610, -59.2800, -15.9840

Conversions

Conversions Part 2

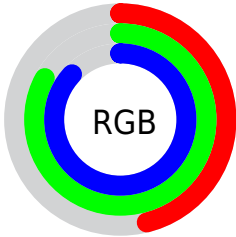
Format	Color
R _Y B	118, 167, 223
Decimal	7787487
CIE Lab	79.48, -24.52, -14.52
CIE LCh	79, 28.499, 210.639
Yxy	55.7678, 0.2475, 0.3131
Android (android.graphics.Color)	4285977567 (0xFF76D3DF)
YUV	184.5610, 18.9504, -58.3740
Hunter-Lab	74.6778, -25.3119, -9.8538

Details

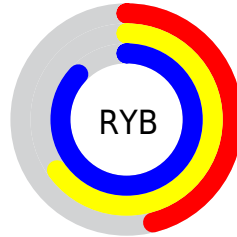
The Hex color **76D3DF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF8276**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B0FFFF**, and **3A9CA8** is the 20% darker color. If you saturate the color by 10%, you get **60D0DF**, and if you desaturate by 10%, it is **8CD6DF**.

Distribution



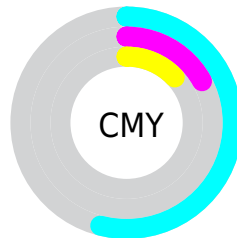
- Red (46%)
- Green (83%)
- Blue (87%)



- Red (46%)
- Yellow (65%)
- Blue (87%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76D3DF 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 76D3DF by changing the saturation by 10% instead.

 76D3DF

 76D3DF

FFFFFF

 59B7C3

 B0FFFF

 3A9CA8

 CDFFFF

 0F828D

 EBFFFF

 006974

 00505B

 003944

 00232E

 00011A

 000000

 76D3DF

 76D3DF

 60D0DF

 8CD6DF

 49CEDF

 A3D8DF

 33CBDF

 B9DBDF

 1DC9DF

 CFDDDF

 06C6DF

 E6E0DF

 00C6DF

 FCE2DF

 FFE5DF

 FFE7DF

 FFEADF

Harmonies

Analogous

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



82D4C5



76D3DF



84CFF2

Triad

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



76D3DF



E8B6DF



D8C390

Complementary

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



76D3DF



DF8276

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.



EEBA98



76D3DF



F8B2C5

Square

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



76D3DF



CABEF3



FAB4AB



BBCC97

Rectangle

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



76D3DF



99CAF9



FAB4AB



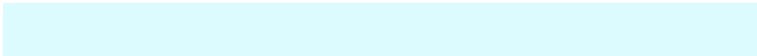
E0C091

Sweetspot

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



76D3DF



DBFBFF



76DF80



6A7D80



000000



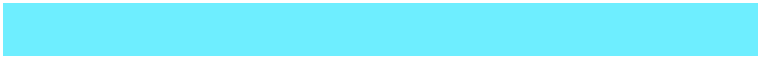
808080

Same Dimension

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



76D3DF



6EEEEFF



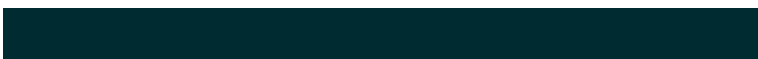
76A0DF



656F70



009CB0



002B30

Inverse Universe

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



DF76D3



FF6EEE



DFB576



70656F



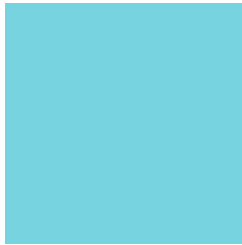
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 76D3DF looks on a white background.

Color Contrast Check

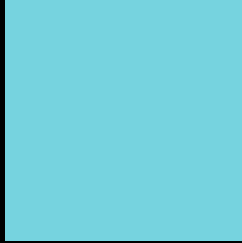
Large Text (above 18pt) WCAG AA × Fail

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 76D3DF 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 76D3DF Background



This preview shows how black text looks on a background with the Hex color 76D3DF.

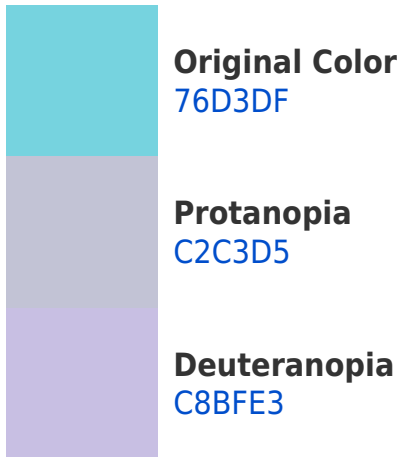


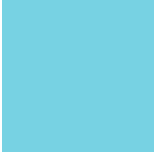
This preview shows how white text looks on a background with the Hex color 76D3DF.

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](#).

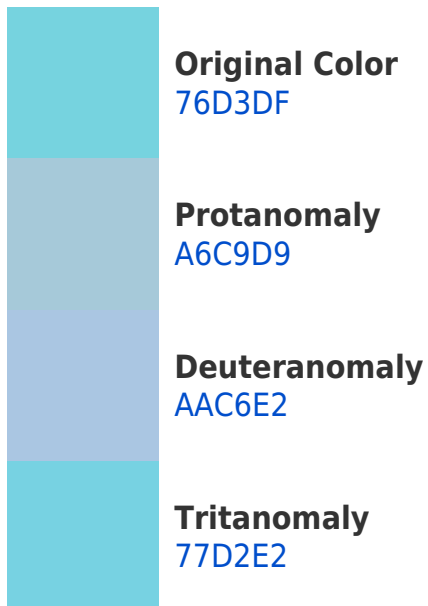
Dichromacy





Tritanopia
77D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76D3DF 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 #76D3DF looks like.

```
.text, #text, p{  
    color:#76D3DF  
}
```

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 #76D3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D3DF
}
```

Border

The CSS property to change the border of an element to Hex 76D3DF 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
#76D3DF }
```

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

```
.border{ border-color:#76D3DF }
```

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

Here you see how a box with a 4 pixel #76D3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D3DF; -webkit-box-shadow:4px 4px  
4px 4px #76D3DF; box-shadow:4px 4px 4px  
4px #76D3DF }
```

Background

The CSS property to change the background color of an element to Hex 76D3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D3DF }
```

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

```
.background{ background-color:#76D3DF }
```

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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