

Converting Colors

Hex(73DFD4)

Have a look what the booklet for
Hex(73DFD4) contains.

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Color

Hex(73DFD4)

Conversions

Conversions Part 1

Format	Color
Hex	73DFD4
RGB	115, 223, 212
RGB Percent	45%, 87%, 83%
CMY	0.5490, 0.1255, 0.1686
CMYK	0.48, 0.00, 0.05, 0.13
HSL	174°, 63%, 66%
HSV	174°, 48%, 87%
XYZ	45.3416, 61.1737, 71.7053
YIQ	189.4540, -60.8370, -26.3170

Conversions

Conversions Part 2

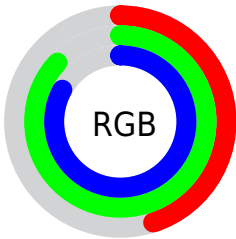
Format	Color
RYB	115, 172, 223
Decimal	7593940
CIELab	82.47, -33.77, -4.23
CIELCh	82, 34.030, 187.132
Yxy	61.1737, 0.2544, 0.3432
Android (android.graphics.Color)	4285784020 (0xFF73DFD4)
YUV	189.4540, 11.1152, -65.2962
Hunter-Lab	78.2136, -33.3947, 0.3931

Details

The Hex color **73DFD4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF737E**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **ADFFFF**, and **35A79D** is the 20% darker color. If you saturate the color by 10%, you get **5DDFD2**, and if you desaturate by 10%, it is **89DFD6**.

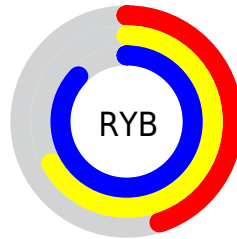
Distribution



Red (45%)

Green (87%)

Blue (83%)



Red (45%)

Yellow (67%)

Blue (87%)

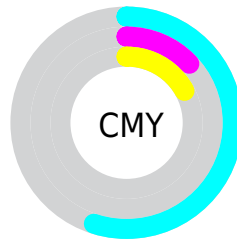


Cyan (48%)

Magenta (0%)

Yellow (5%)

Black (13%)



Cyan (55%)

Magenta (13%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73DFD4 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 73DFD4 by changing the saturation by 10% instead.

 73DFD4

 73DFD4

FFFFFF

 55C3B8

 ADFFFF

 35A79D

 CBFFFF

 008D83

 E9FFFF

 00736A

 005A52

 00413B

 002B26

 001011

 000000

 73DFD4

 73DFD4

 5DDFD2

 89DFD6

 46DFCF

 A0DFD9

 30DFCD

 B6DFDB

 1ADFCB

 CCDFDD

 04DFC9

 E3DFDF

 00DFC8

 F9DFE2

 FFDFE4

 FFDFE6

 FFDFE8

Harmonies

Analogous

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



94DDB3



73DFD4



68DDF3

Triad

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



73DFD4



DCC2FF



F9C393

Complementary

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



73DFD4



DF737E

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.



FFB9A8



73DFD4



FCB9E7

Square

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



73DFD4



AFCEFF



FFB5C7



DCCE8E

Rectangle

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



73DFD4



75DAFF



FFB5C7



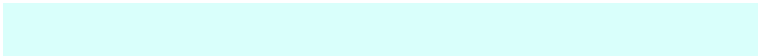
FFBF99

Sweetspot

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



73DFD4



D9FFFB



80DF73



69807D



000000



808080

Same Dimension

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



73DFD4



6BFFF0



73B6DF



65706F



00B09E



00302C

Inverse Universe

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



DF737E



FF6B7A



DF9C73



706566



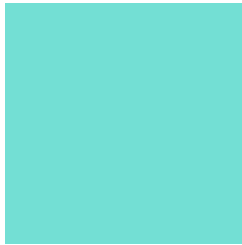
B00012



300005

Previews

White Background



This preview shows how the Hex color 73DFD4 looks on a white background.

Color Contrast Check

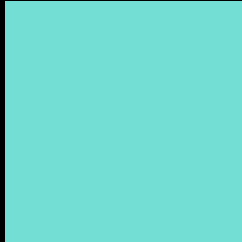
Large Text (above 18pt) WCAG AA × Fail

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 73DFD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

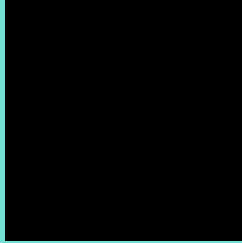
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

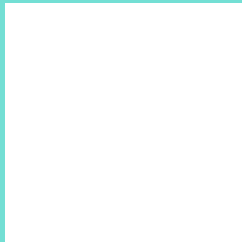
Any Text WCAG AAA ✓ Pass

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

Hex 73DFD4 Background



This preview shows how black text looks on a background with the Hex color 73DFD4.

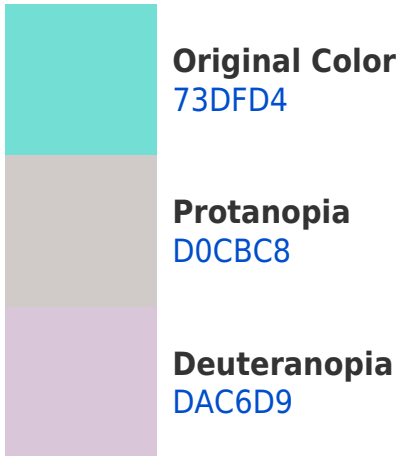


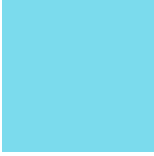
This preview shows how white text looks on a background with the Hex color 73DFD4.

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
7BDBED

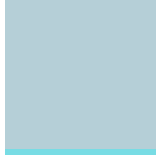
Trichromacy



Original Color
73DFD4



Protanomaly
AED2CC



Deuteranomaly
B5CFD7

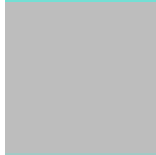


Tritanomaly
78DCE4

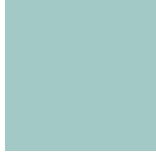
Monochromacy



Original Color
73DFD4



Achromatopsia
BDBDBD



Achromatomaly
A2C9C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 73DFD4 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 #73DFD4 looks like.

```
.text, #text, p{  
    color:#73DFD4  
}
```

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 #73DFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73DFD4
}
```

Border

The CSS property to change the border of an element to Hex 73DFD4 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
#73DFD4 }
```

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

```
.border{ border-color:#73DFD4 }
```

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

Here you see how a box with a 4 pixel #73DFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73DFD4; -webkit-box-shadow:4px 4px  
4px 4px #73DFD4; box-shadow:4px 4px 4px  
4px #73DFD4 }
```

Background

The CSS property to change the background color of an element to Hex 73DFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73DFD4 }
```

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

```
.background{ background-color:#73DFD4 }
```

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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