

Converting Colors

Hex(74D2DB)

Have a look what the booklet for
Hex(74D2DB) contains.

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Color

Hex(74D2DB)

Conversions

Conversions Part 1

Format	Color
Hex	74D2DB
RGB	116, 210, 219
RGB Percent	45%, 82%, 86%
CMY	0.5451, 0.1765, 0.1412
CMYK	0.47, 0.04, 0.00, 0.14
HSL	185°, 59%, 66%
HSV	185°, 47%, 86%
XYZ	43.0352, 54.9207, 75.3504
YIQ	182.9200, -58.9130, -17.1290

Conversions

Conversions Part 2

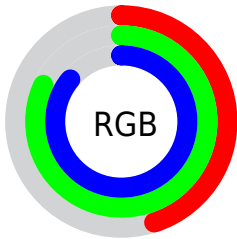
Format	Color
RYB	116, 165, 219
Decimal	7656155
CIELab	79.00, -25.52, -13.12
CIElCh	79, 28.696, 207.204
Yxy	54.9207, 0.2483, 0.3169
Android (android.graphics.Color)	4285846235 (0xFF74D2DB)
YUV	182.9200, 17.7874, -58.6888
Hunter-Lab	74.1085, -26.0338, -8.4076

Details

The Hex color **74D2DB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB7D74**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AFFFFFF**, and **389BA4** is the 20% darker color. If you saturate the color by 10%, you get **5ED0DB**, and if you desaturate by 10%, it is **8AD4DB**.

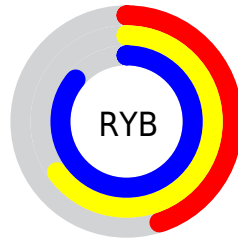
Distribution



Red (45%)

Green (82%)

Blue (86%)



Red (45%)

Yellow (65%)

Blue (86%)

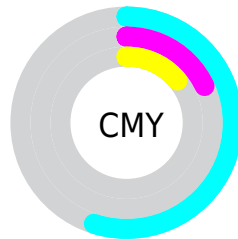


Cyan (47%)

Magenta (4%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D2DB 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 74D2DB by changing the saturation by 10% instead.

 74D2DB

 74D2DB

FFFFFF

 57B6BF

 AEFFFF

 389BA4

 CBFFFF

 0B818A

 E9FFFF

 006870

 004F58

 003841

 00232B

 000117

 000000

 74D2DB

 74D2DB

 5ED0DB

 8AD4DB

 48CEDB

 A0D6DB

 32CCDB

 B6D8DB

 1CCADB

 CCDADB

 07C8DB

 E2DCDB

 00C8DB

 F7DDDB

 FFDFDB

 FFE1DB

 FFE3DB

Harmonies

Analogous

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



83D2C0



74D2DB



7FCEFO

Triad

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



74D2DB



E4B5E1



D9C18E

Complementary

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



74D2DB



DB7D74

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.



EFB898



74D2DB



F6B0C7

Square

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



74D2DB



C4BEF3



FAB2AC



BDC994

Rectangle

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



74D2DB



93CAF7



FAB2AC



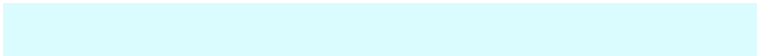
E2BE90

Sweetspot

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



74D2DB



DBFCFF



74DB7D



6A7E80



000000



808080

Same Dimension

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



74D2DB



70F3FF



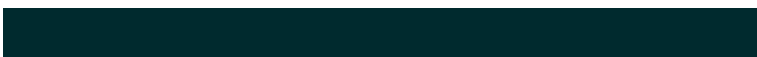
749FDB



636D6E



009EAD



002A2E

Inverse Universe

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



DB74D2



FF70F3



DBB074



6E636D



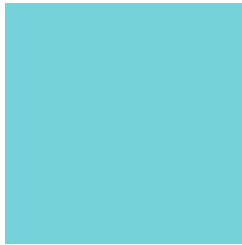
AD009E



2E002A

Previews

White Background



This preview shows how the Hex color 74D2DB looks on a white background.

Color Contrast Check

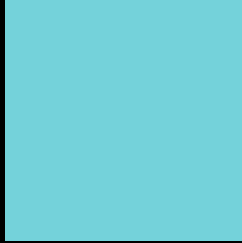
Large Text (above 18pt) WCAG AA × Fail

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 74D2DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

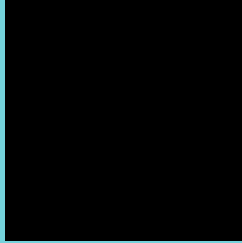
Any Text WCAG AA ✓ Pass

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 74D2DB Background



This preview shows how black text looks on a background with the Hex color 74D2DB.

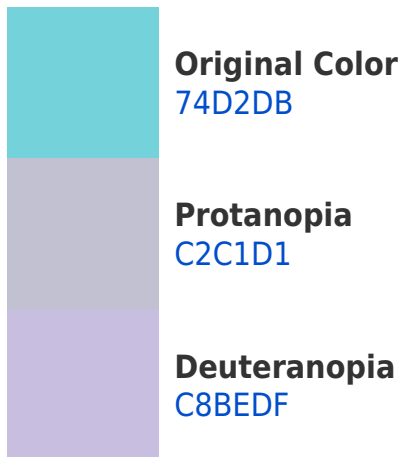


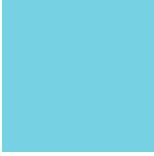
This preview shows how white text looks on a background with the Hex color 74D2DB.

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
76D1E2

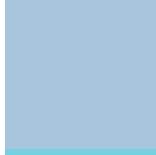
Trichromacy



Original Color
74D2DB



Protanomaly
A6C7D5



Deuteranomaly
A9C5DE

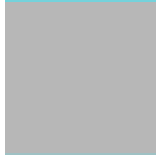


Tritanomaly
75D1DF

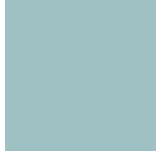
Monochromacy



Original Color
74D2DB



Achromatopsia
B7B7B7



Achromatomaly
9FC1C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 74D2DB 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 #74D2DB looks like.

```
.text, #text, p{  
    color:#74D2DB  
}
```

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 #74D2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D2DB
}
```

Border

The CSS property to change the border of an element to Hex 74D2DB 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
#74D2DB }
```

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

```
.border{ border-color:#74D2DB }
```

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

Here you see how a box with a 4 pixel #74D2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D2DB; -webkit-box-shadow:4px 4px  
4px 4px #74D2DB; box-shadow:4px 4px 4px  
4px #74D2DB }
```

Background

The CSS property to change the background color of an element to Hex 74D2DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D2DB }
```

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

```
.background{ background-color:#74D2DB }
```

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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