

Converting Colors

Hex(74DBD3)

Have a look what the booklet for
Hex(74DBD3) contains.

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Color

Hex(74DBD3)

Conversions

Conversions Part 1

Format	Color
Hex	74DBD3
RGB	116, 219, 211
RGB Percent	45%, 86%, 83%
CMY	0.5451, 0.1412, 0.1725
CMYK	0.47, 0.00, 0.04, 0.14
HSL	175°, 59%, 66%
HSV	175°, 47%, 86%
XYZ	44.2918, 59.0792, 70.6970
YIQ	187.2910, -58.8200, -24.3240

Conversions

Conversions Part 2

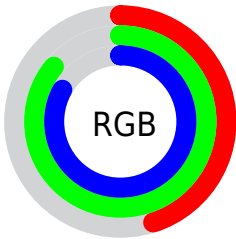
Format	Color
RYB	116, 170, 219
Decimal	7658451
CIELab	81.34, -31.90, -5.37
CIELCh	81, 32.353, 189.547
Yxy	59.0792, 0.2545, 0.3394
Android (android.graphics.Color)	4285848531 (0xFF74DBD3)
YUV	187.2910, 11.6885, -62.5222
Hunter-Lab	76.8630, -31.6506, -0.7296

Details

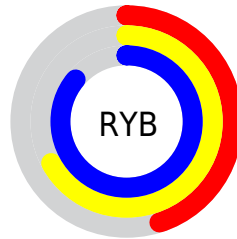
The Hex color **74DBD3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB747C**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AFFFFFF**, and **37A49D** is the 20% darker color. If you saturate the color by 10%, you get **5EDBD1**, and if you desaturate by 10%, it is **8ADBD5**.

Distribution



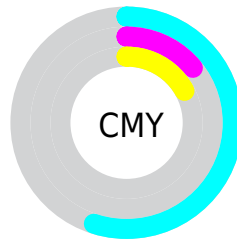
- Red (45%)
- Green (86%)
- Blue (83%)



- Red (45%)
- Yellow (67%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (55%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74DBD3 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 74DBD3 by changing the saturation by 10% instead.

 74DBD3

 74DBD3


FFFFFF

 57BFB7

 AEFFFF

 37A49D

 CBFFFF

 088983

 E9FFFF

 006F69

 005651

 003E3A

 002825

 000A10

 000000

 74DBD3

 74DBD3

 5EDBD1

 8ADBD5

 48DBD0

 A0DBD6

 32DBCE

 B6DBD8

 1CDBCC

 CCDBDA

 07DBCA

 E2DBDC

 00DBCA

 F7DBDD

 FFDBDF

 FFDBE1

 FFDBE2

Harmonies

Analogous

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



91D9B4



74DBD3



6DD9F0

Triad

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



74DBD3



DBBFF9



F2C192

Complementary

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



74DBD3



DB747C

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.



FFB8A5



74DBD3



F9B6E0

Square

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



74DBD3



B1CAFF



FFB4C1



D6CB8E

Rectangle

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



74DBD3



7BD5FD



FFB4C1



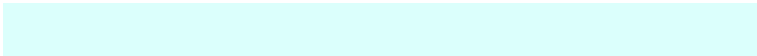
F9BE97

Sweetspot

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



74DBD3



DBFFFC



7DDB74



6A807E



000000



808080

Same Dimension

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



74DBD3



70FFF4



74B0DB



636E6D



00ADA0



002E2A

Inverse Universe

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



DB747C



FF707B



DB9F74



6E6364



AD000D



2E0004

Previews

White Background



This preview shows how the Hex color 74DBD3 looks on a white background.

Color Contrast Check

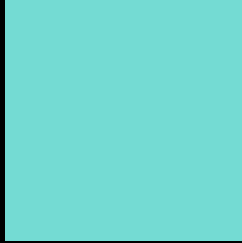
Large Text (above 18pt) WCAG AA × Fail

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 74DBD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

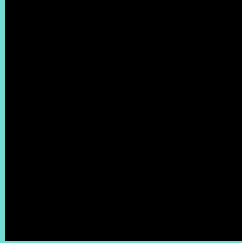
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

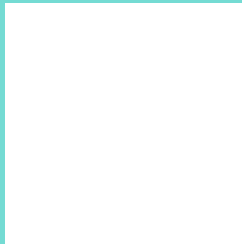
Any Text WCAG AAA ✓ Pass

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

Hex 74DBD3 Background



This preview shows how black text looks on a background with the Hex color 74DBD3.

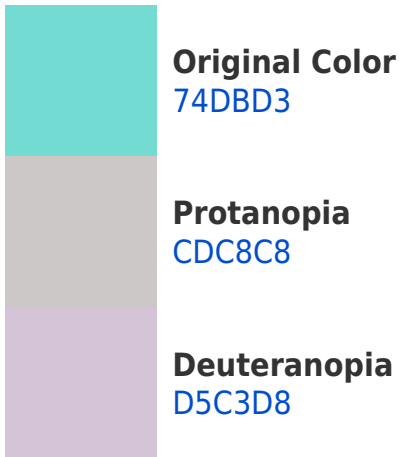


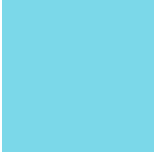
This preview shows how white text looks on a background with the Hex color 74DBD3.

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](#).

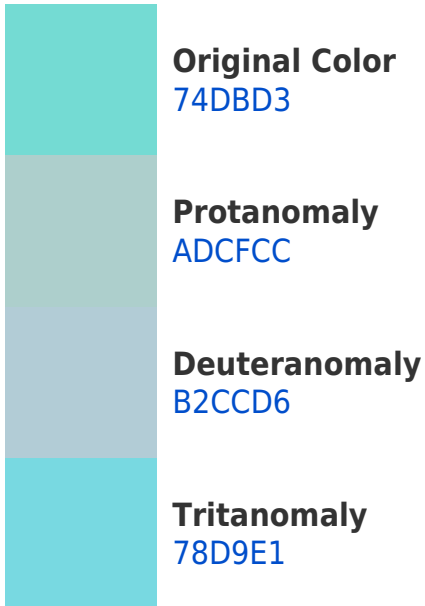
Dichromacy





Tritanopia
7BD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74DBD3 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 #74DBD3 looks like.

```
.text, #text, p{  
    color:#74DBD3  
}
```

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 #74DBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74DBD3
}
```

Border

The CSS property to change the border of an element to Hex 74DBD3 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
#74DBD3 }
```

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

```
.border{ border-color:#74DBD3 }
```

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

Here you see how a box with a 4 pixel #74DBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74DBD3; -webkit-box-shadow:4px 4px  
4px 4px #74DBD3; box-shadow:4px 4px 4px  
4px #74DBD3 }
```

Background

The CSS property to change the background color of an element to Hex 74DBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74DBD3 }
```

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

```
.background{ background-color:#74DBD3 }
```

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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