

Converting Colors

Hex(76DBD4)

Have a look what the booklet for
Hex(76DBD4) contains.

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Color

Hex(76DBD4)

Conversions

Conversions Part 1

Format	Color
Hex	76DBD4
RGB	118, 219, 212
RGB Percent	46%, 86%, 83%
CMY	0.5373, 0.1412, 0.1686
CMYK	0.46, 0.00, 0.03, 0.14
HSL	176°, 58%, 66%
HSV	176°, 46%, 86%
XYZ	44.6864, 59.2681, 71.3720
YIQ	188.0030, -57.9490, -23.5890

Conversions

Conversions Part 2

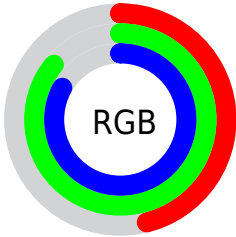
Format	Color
RYB	118, 170, 219
Decimal	7789524
CIELab	81.44, -31.20, -5.74
CIELCh	81, 31.727, 190.417
Yxy	59.2681, 0.2549, 0.3380
Android (android.graphics.Color)	4285979604 (0xFF76DBD4)
YUV	188.0030, 11.8305, -61.3926
Hunter-Lab	76.9857, -31.1147, -1.0766

Details

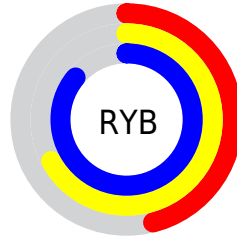
The Hex color **76DBD4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB767D**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B0FFFF**, and **3AA49D** is the 20% darker color. If you saturate the color by 10%, you get **60DBD2**, and if you desaturate by 10%, it is **8CDBD6**.

Distribution



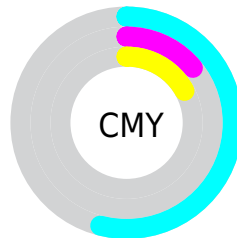
- Red (46%)
- Green (86%)
- Blue (83%)



- Red (46%)
- Yellow (67%)
- Blue (86%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (54%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76DBD4 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 76DBD4 by changing the saturation by 10% instead.

 76DBD4

 76DBD4

FFFFFF

 59BFB8

 B0FFFF

 3AA49D

 CDFFFF

 108983

 EBFFFF

 006F6A

 005652

 003E3B

 002826

 000B11

 000000

 76DBD4

 76DBD4

 60DBD2

 8CDBD6

 4ADBD1

 A2DBD7

 34DBC F

 B8DBD9

 1EDBCE

 CEDBDA

 09DBCC

 E4DBDC

 00DBCC

 F9DBDD

 FFDBDF

 FFDBE0

 FFDBE2

Harmonies

Analogous

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



92D9B5



76DBD4



70D9F0

Triad

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



76DBD4



DCBFF8



F1C293

Complementary

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



76DBD4



DB767D

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.



FFB9A5



76DBD4



F9B7DF

Square

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



76DBD4



B4CAFF



FFB4C1



D5CC90

Rectangle

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



76DBD4



7ED5FD



FFB4C1



F8BF98

Sweetspot

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



76DBD4



DBFFFD



7EDB76



6A807E



000000



808080

Same Dimension

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



76DBD4



73FFF5



76B1DB



636E6D



00ADA1



002E2B

Inverse Universe

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



DB767D



FF737C



DBA076



6E6363



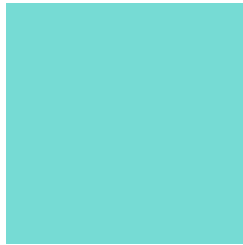
AD000C



2E0003

Previews

White Background



This preview shows how the Hex color 76DBD4 looks on a white background.

Color Contrast Check

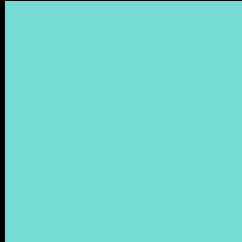
Large Text (above 18pt) WCAG AA × Fail

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 76DBD4 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

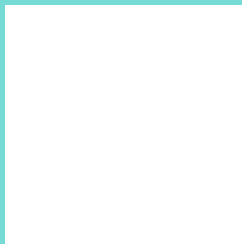
Any Text WCAG AAA ✓ Pass

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

Hex 76DBD4 Background



This preview shows how black text looks on a background with the Hex color 76DBD4.

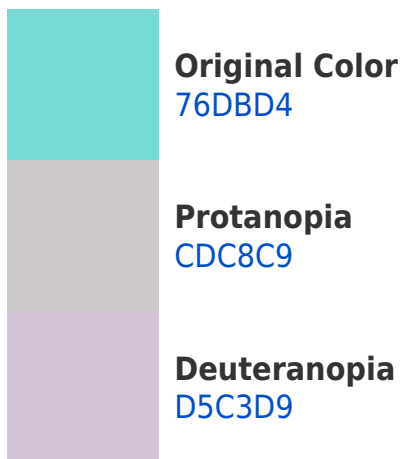


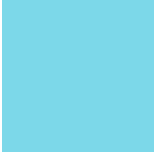
This preview shows how white text looks on a background with the Hex color 76DBD4.

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
7CD8E9

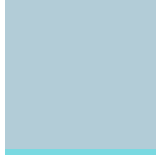
Trichromacy



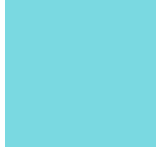
Original Color
76DBD4



Protanomaly
ADCFCD



Deuteranomaly
B2CCD7

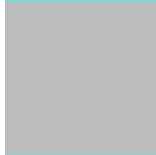


Tritanomaly
7AD9E1

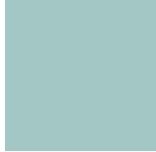
Monochromacy



Original Color
76DBD4



Achromatopsia
BCBCBC



Achromatomaly
A3C7C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 76DBD4 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 #76DBD4 looks like.

```
.text, #text, p{  
    color:#76DBD4  
}
```

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 #76DBD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76DBD4
}
```

Border

The CSS property to change the border of an element to Hex 76DBD4 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
#76DBD4 }
```

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

```
.border{ border-color:#76DBD4 }
```

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

Here you see how a box with a 4 pixel #76DBD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76DBD4; -webkit-box-shadow:4px 4px  
4px 4px #76DBD4; box-shadow:4px 4px 4px  
4px #76DBD4 }
```

Background

The CSS property to change the background color of an element to Hex 76DBD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76DBD4 }
```

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

```
.background{ background-color:#76DBD4 }
```

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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