

# Converting Colors

Hex(75D2DB)

Have a look what the booklet for  
Hex(75D2DB) contains.

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# **Color**

**Hex(75D2DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D2DB
RGB	117, 210, 219
RGB Percent	46%, 82%, 86%
CMY	0.5412, 0.1765, 0.1412
CMYK	0.47, 0.04, 0.00, 0.14
HSL	185°, 59%, 66%
HSV	185°, 47%, 86%
XYZ	43.1689, 54.9896, 75.3566
YIQ	183.2190, -58.3170, -16.9170

# Conversions

## Conversions Part 2

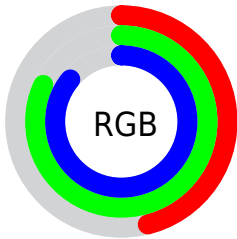
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 166, 219</a>
Decimal	<a href="#">7721691</a>
CIELab	<a href="#">79.04, -25.30, -13.06</a>
CIElCh	<a href="#">79, 28.466, 207.298</a>
Yxy	<a href="#">54.9896, 0.2488, 0.3169</a>
Android (android.graphics.Color)	<a href="#">4285911771 (0xFF75D2DB)</a>
YUV	<a href="#">183.2190, 17.6400, -58.0741</a>
Hunter-Lab	<a href="#">74.1550, -25.8584, -8.3423</a>

# Details

The Hex color **75D2DB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB7E75**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AFFFFFFF**, and **399BA4** is the 20% darker color. If you saturate the color by 10%, you get **5FD0DB**, and if you desaturate by 10%, it is **8BD4DB**.

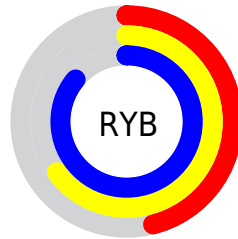
# Distribution



Red (46%)

Green (82%)

Blue (86%)



Red (46%)

Yellow (65%)

Blue (86%)

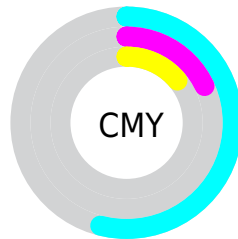


Cyan (47%)

Magenta (4%)

Yellow (0%)

Black (14%)



Cyan (54%)

Magenta (18%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75D2DB 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 75D2DB by changing the saturation by 10% instead.



 75D2DB

 75D2DB

FFFFFF

 58B6BF

 AFFFFFF

 399BA4

 CCFFFF

 0F818A

 EAFFFF

 006870

 004F58

 003841

 00232B

 000117

 000000

 75D2DB

 75D2DB

 5FD0DB

 8BD4DB

 49CEDB

 A1D6DB

 33CCDB

 B7D8DB

 1DCADB

 CDDADB

 08C8DB

 E2DCDB

 00C8DB

 F8DEDB

 FFE0DB

 FFE1DB

 FFE3DB

# Harmonies

## Analogous

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



83D2C0



75D2DB



80CEEF

# Triad

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



75D2DB



E4B5E1



D9C18F

# Complementary

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



75D2DB



DB7E75

# 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



75D2DB



F6B1C7

# Square

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



75D2DB



C5BEF3



F9B2AD



BDC994

# Rectangle

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



75D2DB



94CAF7



F9B2AD



E1BE90

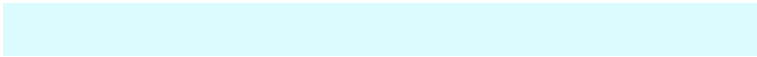


# Sweetspot

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



75D2DB



DBFCFF



75DB7D



6A7E80



000000



808080



# Same Dimension

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



75D2DB



70F2FF



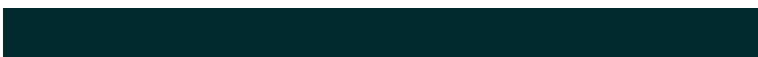
75A0DB



636D6E



009EAD



002A2E



# Inverse Universe

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



DB75D2



FF70F2



DBB175



6E636D



AD009E

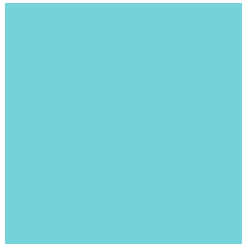


2E002A



# Previews

## White Background



This preview shows how the Hex color 75D2DB looks on a white background.

## Color Contrast Check

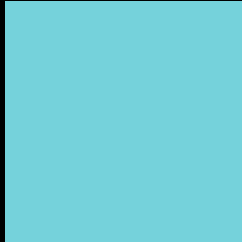
Large Text (above 18pt) WCAG AA × Fail

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 75D2DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

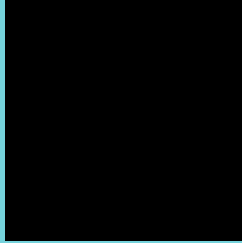
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75D2DB Background



This preview shows how black text looks on a background with the Hex color 75D2DB.

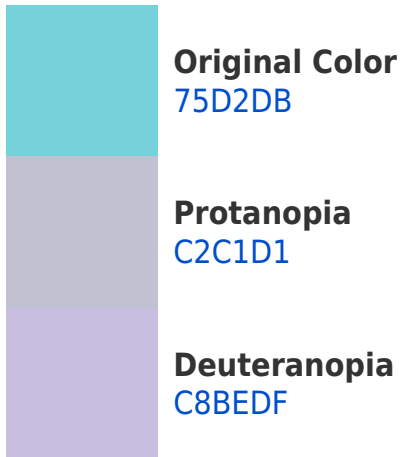


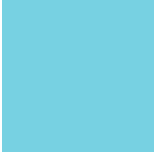
This preview shows how white text looks on a background with the Hex color 75D2DB.

# 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**  
77D1E2

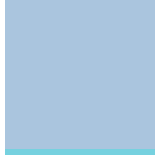
# Trichromacy



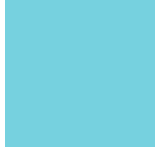
**Original Color**  
75D2DB



**Protanomaly**  
A6C7D5



**Deuteranomaly**  
AAC5DE

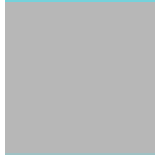


**Tritanomaly**  
76D1DF

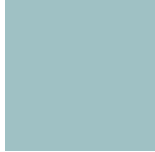
# Monochromacy



**Original Color**  
75D2DB



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
9FC1C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75D2DB 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 #75D2DB looks like.

```
.text, #text, p{  
    color:#75D2DB  
}
```

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 #75D2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D2DB
}
```

## Border

The CSS property to change the border of an element to Hex 75D2DB 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
#75D2DB }
```

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

```
.border{ border-color:#75D2DB }
```

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

Here you see how a box with a 4 pixel #75D2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D2DB; -webkit-box-shadow:4px 4px  
4px 4px #75D2DB; box-shadow:4px 4px 4px  
4px #75D2DB }
```

# Background

The CSS property to change the background color of an element to Hex 75D2DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D2DB }
```

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

```
.background{ background-color:#75D2DB }
```

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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