

# Converting Colors

Hex(76DCD7)

Have a look what the booklet for  
Hex(76DCD7) contains.

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# **Color**

**Hex(76DCD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76DCD7
RGB	118, 220, 215
RGB Percent	46%, 86%, 84%
CMY	0.5373, 0.1373, 0.1569
CMYK	0.46, 0.00, 0.02, 0.14
HSL	177°, 59%, 66%
HSV	177°, 46%, 86%
XYZ	45.3302, 59.9442, 73.4712
YIQ	188.9320, -59.1870, -23.1790

# Conversions

## Conversions Part 2

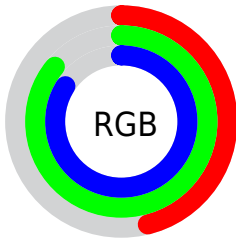
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 170, 220
Decimal	7789783
CIELab	81.81, -30.94, -6.79
CIElCh	82, 31.673, 192.374
Yxy	59.9442, 0.2536, 0.3354
Android (android.graphics.Color)	4285979863 (0xFF76DCD7)
YUV	188.9320, 12.8515, -62.2074
Hunter-Lab	77.4237, -30.9829, -2.0667

# Details

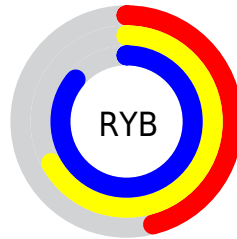
The Hex color **76DCD7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC767B**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B0FFFF**, and **39A5A0** is the 20% darker color. If you saturate the color by 10%, you get **60DCD6**, and if you desaturate by 10%, it is **8CDCD8**.

# Distribution



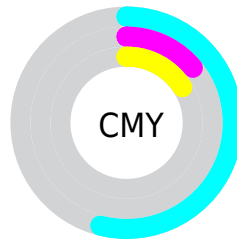
- Red (46%)
- Green (86%)
- Blue (84%)



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



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (54%)
- Magenta (14%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76DCD7 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 76DCD7 by changing the saturation by 10% instead.



 76DCD7

 76DCD7

FFFFFF

 59C0BB

 B0FFFF

 39A5A0

 CDFFFF

 0E8A86

 EBFFFF

 00706D

 005755

 003F3E

 002928

 000D14

 000000

 76DCD7

 76DCD7

 60DCD6

 8CDCD8

 4ADCD5

 A2DCD9

 34DCD4

 B8DCDA

 1EDCD3

 CEDCDB

 08DCD2

 E4DCDC

 00DCD1

 FADCDD

 FFDCDF

 FFDCE0

 FFDCE1

# Harmonies

## Analogous

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



91DBB8



76DCD7



72DAF2

# Triad

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



76DCD7



DFC0F7



F0C393

# Complementary

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



76DCD7



DC767B

# 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.



FFBAA5



76DCD7



FBB8DE

# Square

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



76DCD7



B7CAFF



FFB6C0



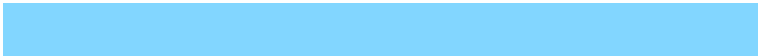
D4CD91

# Rectangle

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



76DCD7



82D6FF



FFB6C0



F8C098



# Sweetspot

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



76DCD7



DBFFFD



7BDC76



6A807E



000000



808080



# Same Dimension

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



76DCD7



70FFF8



76AEDC



636E6D



00ADA5



002E2C



# Inverse Universe

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



DC767B



FF7077



DCA476



6E6363



AD0008

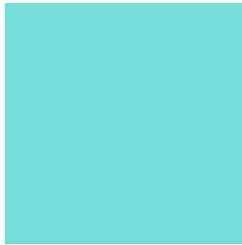


2E0002



# Previews

## White Background



This preview shows how the Hex color 76DCD7 looks on a white background.

## Color Contrast Check

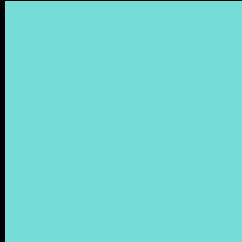
Large Text (above 18pt) WCAG AA × Fail

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 76DCD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

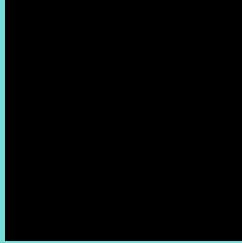
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

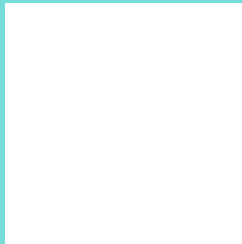
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76DCD7 Background



This preview shows how black text looks on a background with the Hex color 76DCD7.

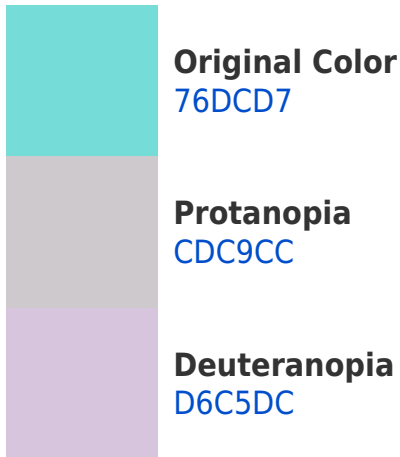


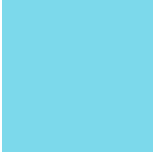
This preview shows how white text looks on a background with the Hex color 76DCD7.

# 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**  
7CD9EB

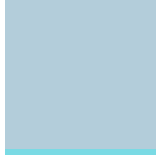
# Trichromacy



**Original Color**  
76DCD7



**Protanomaly**  
ADD0D0



**Deuteranomaly**  
B3CDDA

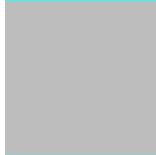


**Tritanomaly**  
7ADAE4

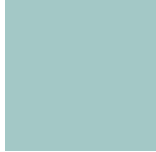
# Monochromacy



**Original Color**  
76DCD7



**Achromatopsia**  
BDBBBD



**Achromatomaly**  
A3C8C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76DCD7 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 #76DCD7 looks like.

```
.text, #text, p{  
    color:#76DCD7  
}
```

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 #76DCD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76DCD7
}
```

## Border

The CSS property to change the border of an element to Hex 76DCD7 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
#76DCD7 }
```

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

```
.border{ border-color:#76DCD7 }
```

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

Here you see how a box with a 4 pixel #76DCD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76DCD7; -webkit-box-shadow:4px 4px  
4px 4px #76DCD7; box-shadow:4px 4px 4px  
4px #76DCD7 }
```

# Background

The CSS property to change the background color of an element to Hex 76DCD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76DCD7 }
```

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

```
.background{ background-color:#76DCD7 }
```

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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