

Converting Colors

Hex(76DCB7)

Have a look what the booklet for
Hex(76DCB7) contains.

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Color

Hex(76DCB7)

Conversions

Conversions Part 1

Format	Color
Hex	76DCB7
RGB	118, 220, 183
RGB Percent	46%, 86%, 72%
CMY	0.5373, 0.1373, 0.2824
CMYK	0.46, 0.00, 0.17, 0.14
HSL	158°, 59%, 66%
HSV	158°, 46%, 86%
XYZ	41.6117, 58.4568, 53.8899
YIQ	185.2840, -48.9150, -33.1310

Conversions

Conversions Part 2

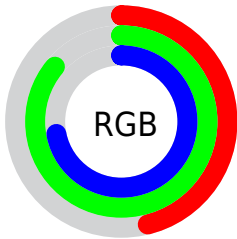
Format	Color
RYB	118, 180, 220
Decimal	7789751
CIELab	80.99, -38.41, 9.03
CIELCh	81, 39.455, 166.776
Yxy	58.4568, 0.2703, 0.3797
Android (android.graphics.Color)	4285979831 (0xFF76DCB7)
YUV	185.2840, -1.1260, -59.0081
Hunter-Lab	76.4571, -36.6515, 11.7301

Details

The Hex color **76DCB7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC769B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AFFFEF**, and **3CA482** is the 20% darker color. If you saturate the color by 10%, you get **60DCAF**, and if you desaturate by 10%, it is **8CDCBF**.

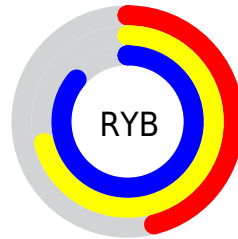
Distribution



Red (46%)

Green (86%)

Blue (72%)



Red (46%)

Yellow (71%)

Blue (86%)

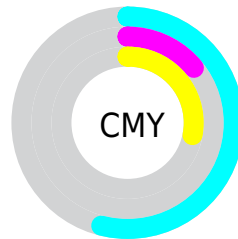


Cyan (46%)

Magenta (0%)

Yellow (17%)

Black (14%)



Cyan (54%)

Magenta (14%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76DCB7 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 76DCB7 by changing the saturation by 10% instead.

 76DCB7

FFFFFF

 AFFFEF

 CCFFFF

 E9FFFF

 76DCB7

 59C09C

 3CA482

 178A69

 007051

 00573A

 003E24

 00290F

 000700

 000000

 76DCB7

 76DCB7

 60DCAF

 8CDCBF

 4ADCA7

 A2DCC7

 34DC9F

 B8DCCF

 1EDC97

 CEDCD7

 08DC8F

 E4DCDF

 00DC8C

 FADCE7

 FFDCEF

 FFDCF7

 FFDCFF

Harmonies

Analogous

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



A3D795



76DCB7



4BD5DD

Triad

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



76DCB7



B6C6FF



FFB595

Complementary

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



76DCB7



DC769B

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.



FFADB6



76DCB7



E7B8FC

Square

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



76DCB7



7BD2FF



FFAFDB



F1C181

Rectangle

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



76DCB7



40DBF4



FFAFDB



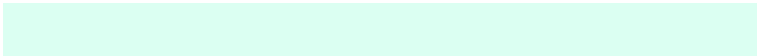
FFB29F

Sweetspot

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



76DCB7



DBFFF2



9BDC76



6A8078



000000



808080

Same Dimension

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



76DCB7



70FFCB



76CEDC



636E6A



00AD6E



002E1D

Inverse Universe

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



DC769B



FF70A4



DC8476



6E6367



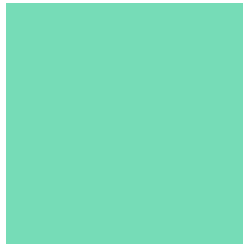
AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 76DCB7 looks on a white background.

Color Contrast Check

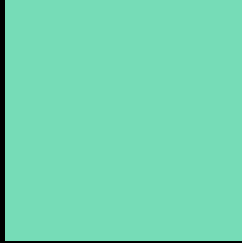
Large Text (above 18pt) WCAG AA × Fail

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 76DCB7 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

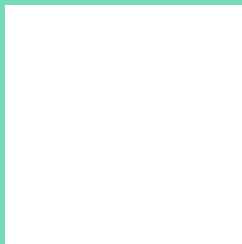
Any Text WCAG AAA ✓ Pass

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

Hex 76DCB7 Background



This preview shows how black text looks on a background with the Hex color 76DCB7.

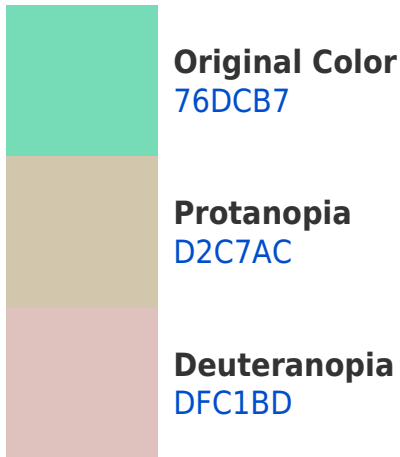


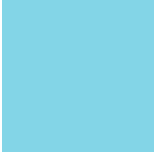
This preview shows how white text looks on a background with the Hex color 76DCB7.

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
83D5E7

Trichromacy



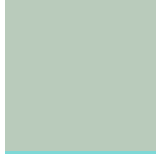
Original Color

76DCB7



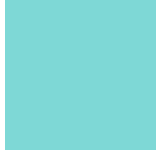
Protanomaly

B1CFB0



Deuteranomaly

B9CBBB



Tritanomaly

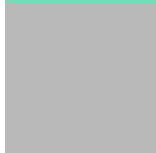
7ED8D6

Monochromacy



Original Color

76DCB7



Achromatopsia

B9B9B9



Achromatomaly

A1C6B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 76DCB7 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 #76DCB7 looks like.

```
.text, #text, p{  
    color:#76DCB7  
}
```

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 #76DCB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76DCB7
}
```

Border

The CSS property to change the border of an element to Hex 76DCB7 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
#76DCB7 }
```

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

```
.border{ border-color:#76DCB7 }
```

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

Here you see how a box with a 4 pixel #76DCB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76DCB7; -webkit-box-shadow:4px 4px  
4px 4px #76DCB7; box-shadow:4px 4px 4px  
4px #76DCB7 }
```

Background

The CSS property to change the background color of an element to Hex 76DCB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76DCB7 }
```

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

```
.background{ background-color:#76DCB7 }
```

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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