

Converting Colors

Hex(76C6DB)

Have a look what the booklet for
Hex(76C6DB) contains.

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Color

Hex(76C6DB)

Conversions

Conversions Part 1

Format	Color
Hex	76C6DB
RGB	118, 198, 219
RGB Percent	46%, 78%, 86%
CMY	0.5373, 0.2235, 0.1412
CMYK	0.46, 0.10, 0.00, 0.14
HSL	192°, 58%, 66%
HSV	192°, 46%, 86%
XYZ	40.4515, 49.3542, 74.4121
YIQ	176.4740, -54.4210, -10.4290

Conversions

Conversions Part 2

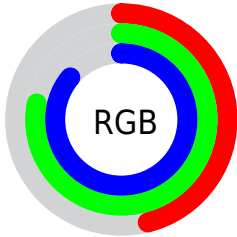
Format	Color
R _Y B	118, 163, 219
Decimal	7784155
CIE Lab	75.67, -19.04, -18.11
CIE LCh	76, 26.276, 223.578
Yxy	49.3542, 0.2463, 0.3005
Android (android.graphics.Color)	4285974235 (0xFF76C6DB)
YUV	176.4740, 20.9653, -51.2817
Hunter-Lab	70.2525, -20.1615, -13.6237

Details

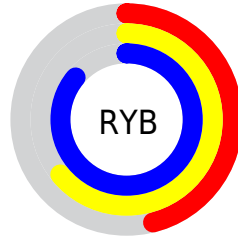
The Hex color **76C6DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB8B76**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3C90A4** is the 20% darker color. If you saturate the color by 10%, you get **60C1DB**, and if you desaturate by 10%, it is **8CCBDB**.

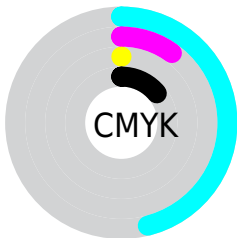
Distribution



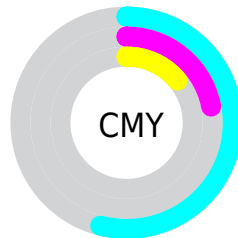
- Red (46%)
- Green (78%)
- Blue (86%)



- Red (46%)
- Yellow (64%)
- Blue (86%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (54%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C6DB 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 76C6DB by changing the saturation by 10% instead.

 76C6DB

 76C6DB

FFFFFF

 59ABBF

 AFFFFFF

 3C90A4

 CCFFFF

 17768A

 E9FFFF

 005D70

 004658

 002F40

 001C2A

 000116

 000000

 76C6DB

 76C6DB

 60C1DB

 8CCBDB

 4ABDDB

 A2CFDB

 34B8DB

 B8D4DB

 1EB4DB

 CED8DB

 09AFDB

 E4DDDB

 00ADDB

 F9E1DB

 FFE6DB

 FFEADB

 FFEFDB

Harmonies

Analogous

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



77C8C5



76C6DB



8BC1E8

Triad

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



76C6DB



E2AAC9



C1BC8B

Complementary

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



76C6DB



DB8B76

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.



D8B48C



76C6DB



ECA9B0

Square

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



76C6DB



CCB1DE



E8AD9A



A6C397

Rectangle

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



76C6DB



A1BCEA



E8AD9A



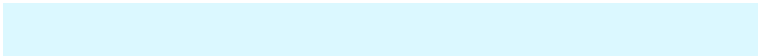
C9BA8A

Sweetspot

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



76C6DB



DBF8FF



76DB8A



6A7B80



000000



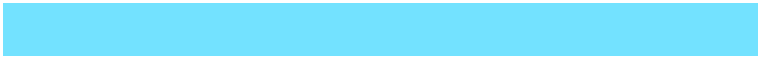
808080

Same Dimension

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



76C6DB



73E2FF



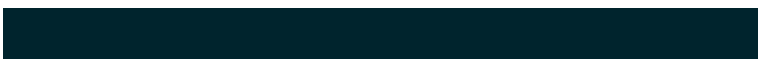
7694DB



636B6E



0089AD



00242E

Inverse Universe

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



DB76C6



FF73E2



DBBD76



6E636B



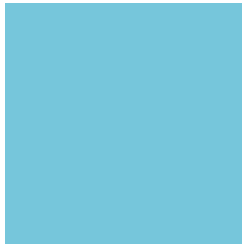
AD0089



2E0024

Previews

White Background



This preview shows how the Hex color 76C6DB looks on a white background.

Color Contrast Check

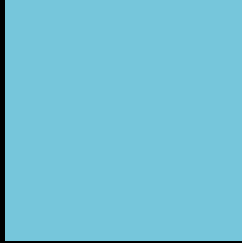
Large Text (above 18pt) WCAG AA × Fail

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 76C6DB 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 76C6DB Background



This preview shows how black text looks on a background with the Hex color 76C6DB.

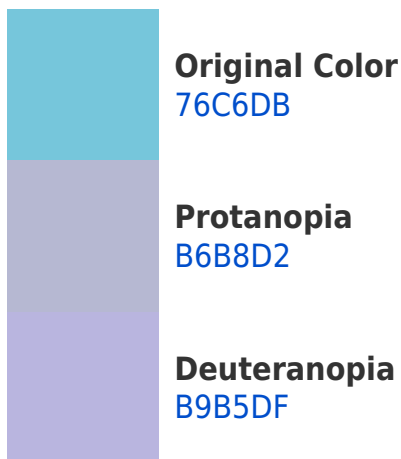


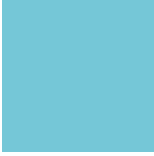
This preview shows how white text looks on a background with the Hex color 76C6DB.

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](#).

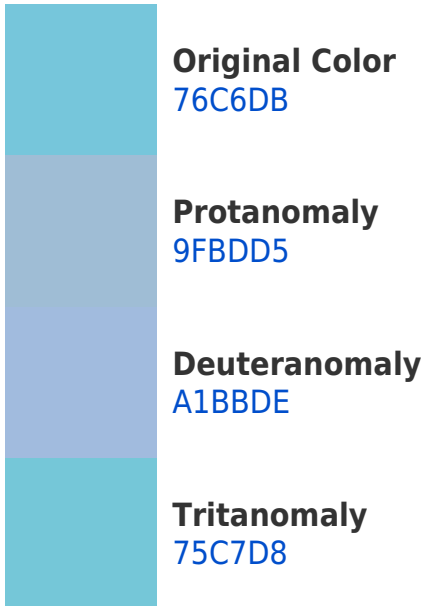
Dichromacy



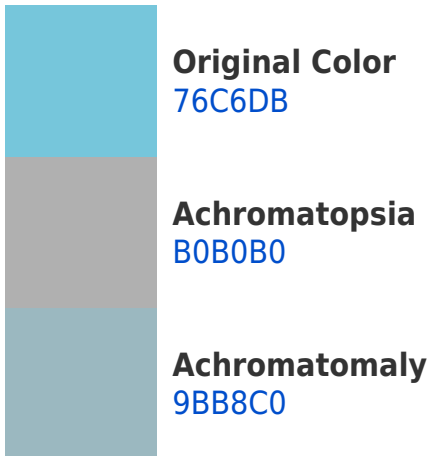


Tritanopia
75C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C6DB 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 #76C6DB looks like.

```
.text, #text, p{  
    color:#76C6DB  
}
```

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 #76C6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C6DB
}
```

Border

The CSS property to change the border of an element to Hex 76C6DB 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
#76C6DB }
```

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

```
.border{ border-color:#76C6DB }
```

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

Here you see how a box with a 4 pixel #76C6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C6DB; -webkit-box-shadow:4px 4px  
4px 4px #76C6DB; box-shadow:4px 4px 4px  
4px #76C6DB }
```

Background

The CSS property to change the background color of an element to Hex 76C6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C6DB }
```

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

```
.background{ background-color:#76C6DB }
```

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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