

Converting Colors

Hex(76C7D8)

Have a look what the booklet for
Hex(76C7D8) contains.

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Color

Hex(76C7D8)

Conversions

Conversions Part 1

Format	Color
Hex	76C7D8
RGB	118, 199, 216
RGB Percent	46%, 78%, 85%
CMY	0.5373, 0.2196, 0.1529
CMYK	0.45, 0.08, 0.00, 0.15
HSL	190°, 56%, 65%
HSV	190°, 45%, 85%
XYZ	40.2893, 49.6563, 72.4269
YIQ	176.7190, -53.7330, -11.8850

Conversions

Conversions Part 2

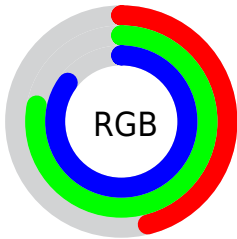
Format	Color
R _Y B	118, 162, 216
Decimal	7784408
CIE Lab	75.86, -20.34, -16.21
CIE LCh	76, 26.012, 218.550
Yxy	49.6563, 0.2481, 0.3058
Android (android.graphics.Color)	4285974488 (0xFF76C7D8)
YUV	176.7190, 19.3655, -51.4966
Hunter-Lab	70.4672, -21.2610, -11.6118

Details

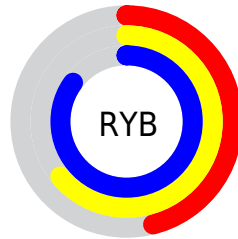
The Hex color **76C7D8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D88776**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3C91A1** is the 20% darker color. If you saturate the color by 10%, you get **60C3D8**, and if you desaturate by 10%, it is **8CCBD8**.

Distribution



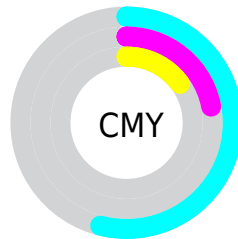
- Red (46%)
- Green (78%)
- Blue (85%)



- Red (46%)
- Yellow (64%)
- Blue (85%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C7D8 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 76C7D8 by changing the saturation by 10% instead.

 76C7D8

 76C7D8

FFFFFF

 5AACBC

 AFFFFFF

 3C91A1

 CCFFFF

 187787

 E9FFFF

 005E6E

 004655

 00303E

 001C28

 000113

 000000

 76C7D8

 76C7D8

 60C3D8

 8CCBD8

 4BC0D8

 A1CED8

 35BCD8

 B7D2D8

 20B8D8

 CCD6D8

 0AB4D8

 E2DAD8

 00B3D8

 F8DDD8

 FFE1D8

 FFE5D8

 FFE9D8

Harmonies

Analogous

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



7BC9C1



76C7D8



88C2E7

Triad

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



76C7D8



E0ACCD



C6BC8B

Complementary

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



76C7D8



D88776

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.



DCB48F



76C7D8



EBAAB5

Square

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



76C7D8



C8B2E1



EAAD9E



ABC395

Rectangle

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



76C7D8



9CBDEA



EAAD9E



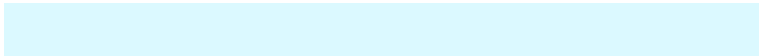
CEB98B

Sweetspot

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



76C7D8



DBF9FF



76D886



6A7C80



000000



808080

Same Dimension

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



76C7D8



75E7FF



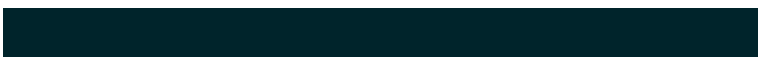
7697D8



60696B



008DAB



00242B

Inverse Universe

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



D876C7



FF75E7



D8B776



6B6069



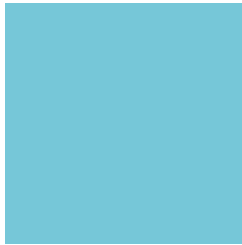
AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 76C7D8 looks on a white background.

Color Contrast Check

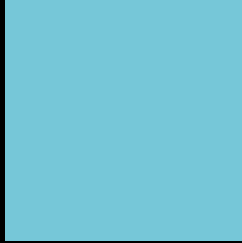
Large Text (above 18pt) WCAG AA × Fail

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 76C7D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

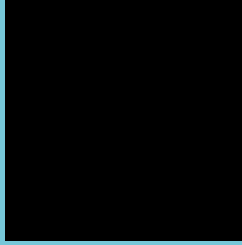
Any Text WCAG AA ✓ Pass

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 76C7D8 Background



This preview shows how black text looks on a background with the Hex color 76C7D8.

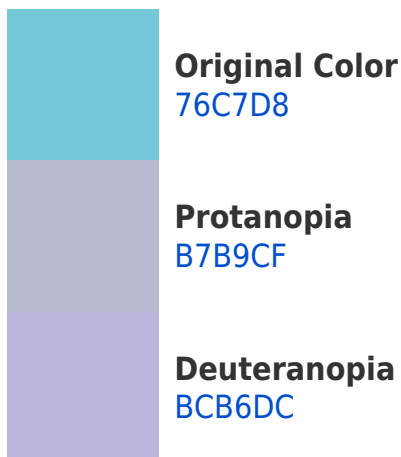


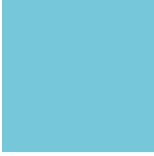
This preview shows how white text looks on a background with the Hex color 76C7D8.

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](#).

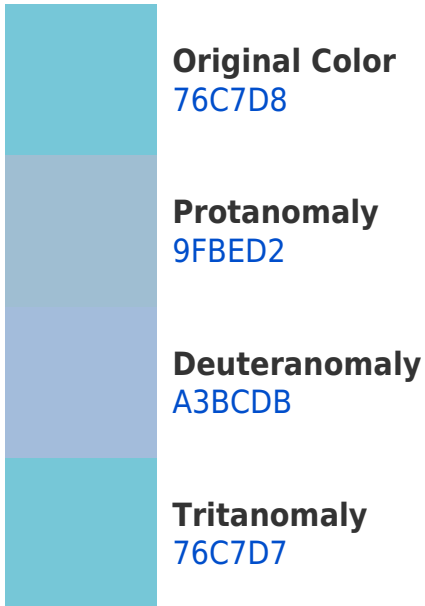
Dichromacy



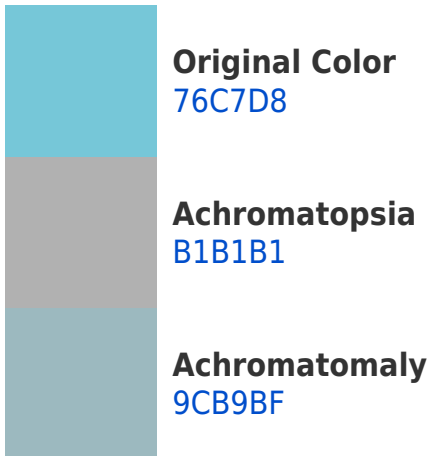


Tritanopia
76C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C7D8 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 #76C7D8 looks like.

```
.text, #text, p{  
    color:#76C7D8  
}
```

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 #76C7D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C7D8
}
```

Border

The CSS property to change the border of an element to Hex 76C7D8 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
#76C7D8 }
```

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

```
.border{ border-color:#76C7D8 }
```

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

Here you see how a box with a 4 pixel #76C7D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C7D8; -webkit-box-shadow:4px 4px  
4px 4px #76C7D8; box-shadow:4px 4px 4px  
4px #76C7D8 }
```

Background

The CSS property to change the background color of an element to Hex 76C7D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C7D8 }
```

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

```
.background{ background-color:#76C7D8 }
```

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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