

Converting Colors

Hex(76CCBD)

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

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Color

Hex(76CCBD)

Conversions

Conversions Part 1

Format	Color
Hex	76CCBD
RGB	118, 204, 189
RGB Percent	46%, 80%, 74%
CMY	0.5373, 0.2000, 0.2588
CMYK	0.42, 0.00, 0.07, 0.20
HSL	170°, 46%, 63%
HSV	170°, 42%, 80%
XYZ	38.2494, 50.7114, 55.9164
YIQ	176.5760, -46.4410, -22.8970

Conversions

Conversions Part 2

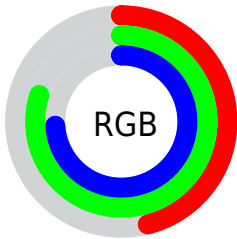
Format	Color
R _{YB}	118, 165, 204
Decimal	7785661
CIE Lab	76.50, -29.58, -0.67
CIE LCh	77, 29.585, 181.301
Yxy	50.7114, 0.2640, 0.3500
Android (android.graphics.Color)	4285975741 (0xFF76CCBD)
YUV	176.5760, 6.1250, -51.3712
Hunter-Lab	71.2119, -28.7449, 3.2932

Details

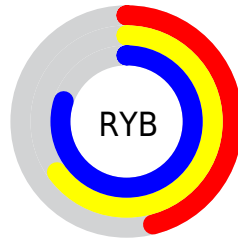
The Hex color **76CCBD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC7685**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AFFFF5**, and **3E9588** is the 20% darker color. If you saturate the color by 10%, you get **62CCB9**, and if you desaturate by 10%, it is **8ACCC1**.

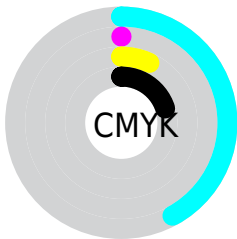
Distribution



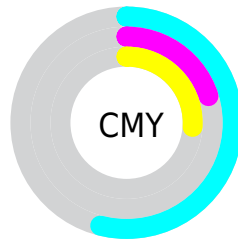
- Red (46%)
- Green (80%)
- Blue (74%)



- Red (46%)
- Yellow (65%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 76CCBD

FFFFFF

 AEFFF5

 CBFFFF

 E8FFFF

 76CCBD

 5AB0A2

 3E9588

 1E7B6E

 006256

 004A3F

 003229

 001F15

 000000

 76CCBD

 76CCBD

■ 62CCB9

■ 8ACCC1

■ 4DCCB6

■ 9FCCC4

■ 39CCB2

■ B3CCC8

■ 24CCAF

■ C8CCCB

■ 10CCAB

■ DCCCCF

■ 00CCA8

■ F0CCD2

■ FFCCD6

■ FFCCD9

■ FFCCDD

Harmonies

Analogous

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



92C9A2



76CCBD



69CBD8

Triad

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



76CCBD



C2B5EB



E6B28E

Complementary

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



76CCBD



CC7685

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.



F3ABA2



76CCBD



E1ADD7

Square

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



76CCBD



9CBFF3



F2A9BD



CFBB86

Rectangle

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



76CCBD



70C8E7



F2A9BD



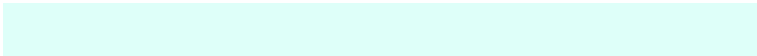
ECAF93

Sweetspot

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



76CCBD



DEFFF9



86CC76



6B807C



000000



808080

Same Dimension

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



76CCBD



7DFFE8



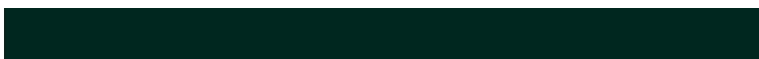
76B1CC



5C6664



00A689



002620

Inverse Universe

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



CC7685



FF7D94



CC9176



665C5E



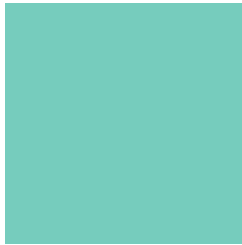
A6001D



260007

Previews

White Background



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

Color Contrast Check

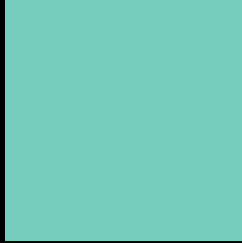
Large Text (above 18pt) WCAG AA × Fail

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 76CCBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

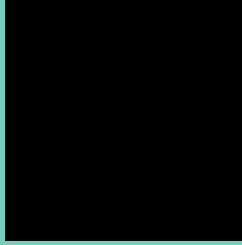
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

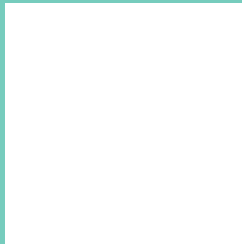
Any Text WCAG AAA ✓ Pass

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

Hex 76CCBD Background



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

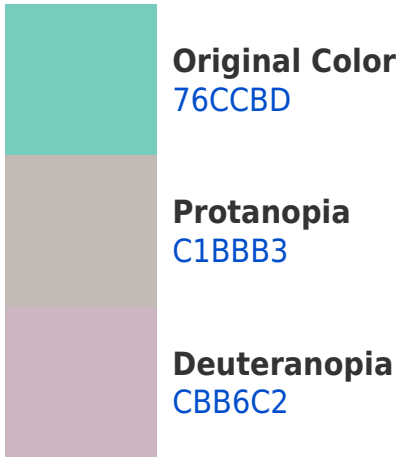


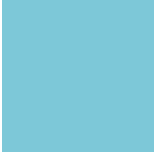
This preview shows how white text looks on a background with the Hex color 76CCBD.

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
7DC8D8

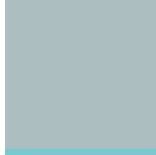
Trichromacy



Original Color
76CCBD



Protanomaly
A6C1B7



Deuteranomaly
ACBEC0

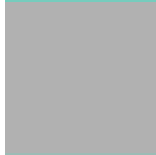


Tritanomaly
7AC9CE

Monochromacy



Original Color
76CCBD



Achromatopsia
B1B1B1



Achromatomaly
9CBBB5

CSS Examples

Text

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

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

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 #76CCBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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