

Converting Colors

Hex(76CFCA)

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

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Color

Hex(76CFCA)

Conversions

Conversions Part 1

Format	Color
Hex	76CFCA
RGB	118, 207, 202
RGB Percent	46%, 81%, 79%
CMY	0.5373, 0.1882, 0.2078
CMYK	0.43, 0.00, 0.02, 0.19
HSL	177°, 48%, 64%
HSV	177°, 43%, 81%
XYZ	40.4447, 52.7415, 63.9256
YIQ	179.8190, -51.4390, -20.4230

Conversions

Conversions Part 2

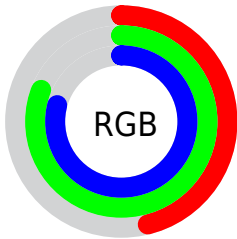
Format	Color
R _Y B	118, 164, 207
Decimal	7786442
CIE Lab	77.72, -27.90, -5.88
CIE LCh	78, 28.510, 191.901
Yxy	52.7415, 0.2574, 0.3357
Android (android.graphics.Color)	4285976522 (0xFF76CFCA)
YUV	179.8190, 10.9352, -54.2153
Hunter-Lab	72.6233, -27.6822, -1.3528

Details

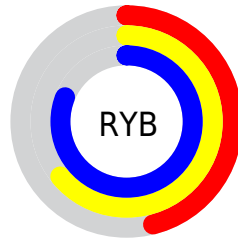
The Hex color **76CFCA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF767B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3D9894** is the 20% darker color. If you saturate the color by 10%, you get **61CFC9**, and if you desaturate by 10%, it is **8BCFCB**.

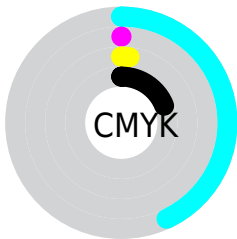
Distribution



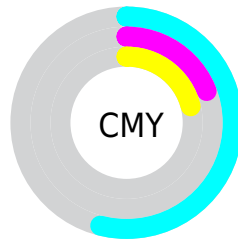
- Red (46%)
- Green (81%)
- Blue (79%)



- Red (46%)
- Yellow (64%)
- Blue (81%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (54%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 76CFCA

 76CFCA

FFFFFF

 5AB3AF

 AFFFFFF

 3D9894

 CCFFFF

 1A7E7A

 E9FFFF

 006561

 004C4A

 003533

 00211E

 000005

 000000

 76CFCA

 76CFCA

 61CFC9

 8BCFCB

 4DCFC8

 9FCFCC

 38CFC7

 B4CFCD

 23CFC5

 C9CFCE

 0FCFC4

 DECFD0

 00CFC3

 F2CFD1

 FFCFD2

 FFCFD3

 FFCFD4

Harmonies

Analogous

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



8DCEAF



76CFCA



73CDE2

Triad

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



76CFCA



D1B6E8



E2B98E

Complementary

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



76CFCA



CF767B

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.



F2B19E



76CFCA



EBAFD1

Square

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



76CFCA



AEBFF3



F6ADB6



C9C28C

Rectangle

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



76CFCA



80C9EE



F6ADB6



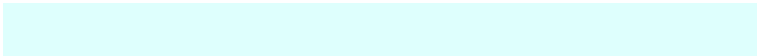
E8B692

Sweetspot

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



76CFCA



DEFFFD



7CCF76



6B807E



000000



808080

Same Dimension

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



76CFCA



7AFFF8



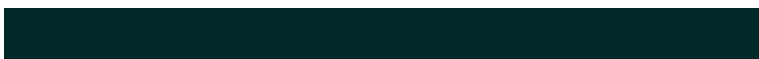
76A8CF



5E6968



00A89F



002927

Inverse Universe

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



CF767B



FF7A82



CF9D76



695E5F



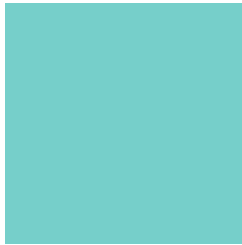
A80009



290002

Previews

White Background



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

Color Contrast Check

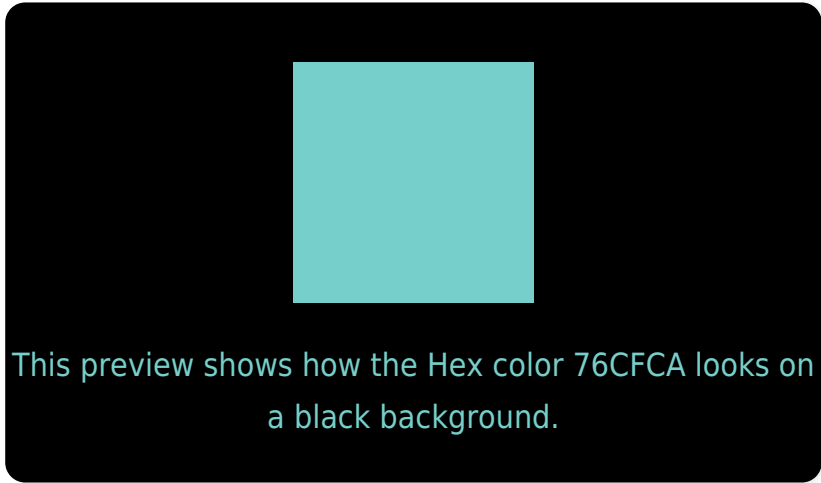
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

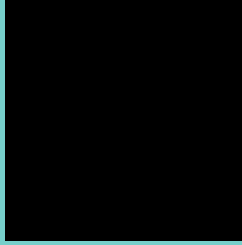
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

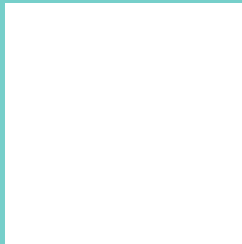
Any Text WCAG AAA ✓ Pass

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

Hex 76CFCA Background



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

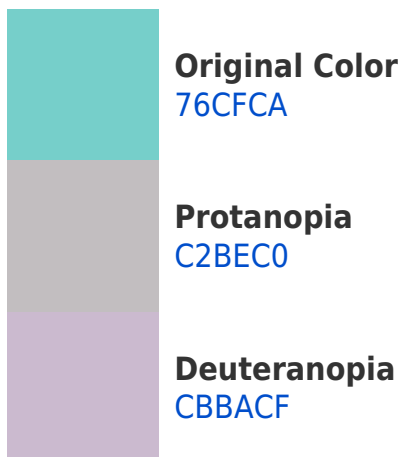


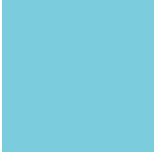
This preview shows how white text looks on a background with the Hex color 76CFCA.

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





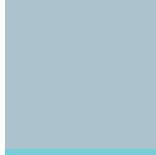
Trichromacy



Original Color
76CFCA



Protanomaly
A6C4C4



Deuteranomaly
ACC2CD

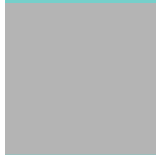


Tritanomaly
79CDD6

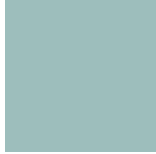
Monochromacy



Original Color
76CFCA



Achromatopsia
B4B4B4



Achromatomaly
9DBEBC

CSS Examples

Text

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

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

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 #76CFCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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