

Converting Colors

Hex(76C6D4)

Have a look what the booklet for
Hex(76C6D4) contains.

Hex(76C6D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76C6D4)

Conversions

Conversions Part 1

Format	Color
Hex	76C6D4
RGB	118, 198, 212
RGB Percent	46%, 78%, 83%
CMY	0.5373, 0.2235, 0.1686
CMYK	0.44, 0.07, 0.00, 0.17
HSL	189°, 52%, 65%
HSV	189°, 44%, 83%
XYZ	39.5490, 48.9932, 69.6595
YIQ	175.6760, -52.1740, -12.6060

Conversions

Conversions Part 2

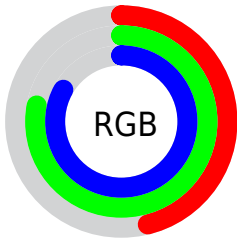
Format	Color
RYB	118, 161, 212
Decimal	7784148
CIELab	75.45, -20.89, -14.67
CIELCh	75, 25.523, 215.075
Yxy	48.9932, 0.2500, 0.3097
Android (android.graphics.Color)	4285974228 (0xFF76C6D4)
YUV	175.6760, 17.9077, -50.5819
Hunter-Lab	69.9951, -21.6346, -10.0091

Details

The Hex color **76C6D4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D48476**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3D909D** is the 20% darker color. If you saturate the color by 10%, you get **61C3D4**, and if you desaturate by 10%, it is **8BC9D4**.

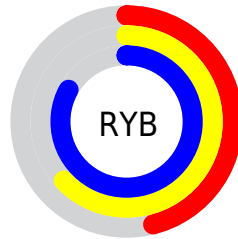
Distribution



Red (46%)

Green (78%)

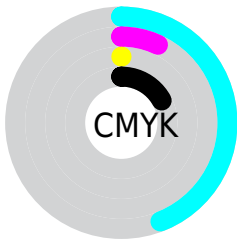
Blue (83%)



Red (46%)

Yellow (63%)

Blue (83%)

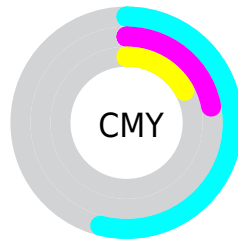


Cyan (44%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (54%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C6D4 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 76C6D4 by changing the saturation by 10% instead.

 76C6D4

 76C6D4

FFFFFF

 5AABB8

 AFFFFFF

 3D909D

 CCFFFF

 1A7683

 E9FFFF

 005D6A

 004552

 002F3B

 001C25

 000110

 000000

 76C6D4

 76C6D4

 61C3D4

 8BC9D4

 4CC0D4

 A0CCD4

 36BDD4

 B6CFD4

 21B9D4

 CBD3D4

 0CB6D4

 E0D6D4

 00B4D4

 F5D9D4

 FFDCD4

 FFDFD4

 FFE2D4

Harmonies

Analogous

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



7DC7BD



76C6D4



85C2E4

Triad

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



76C6D4



DCACCE



C7BA8B

Complementary

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



76C6D4



D48476

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.



DCB290



76C6D4



E9A9B7

Square

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



76C6D4



C3B2E0



E8ABA0



ADC193

Rectangle

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



76C6D4



98BDE8



E8ABA0



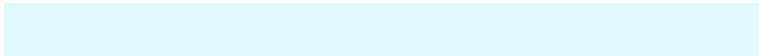
CFB78B

Sweetspot

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



76C6D4



DEFAFF



76D483



6B7C80



000000



808080

Same Dimension

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



76C6D4



78EBFF



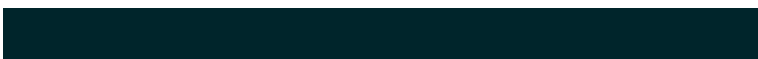
7698D4



606A6B



0091AB



00252B

Inverse Universe

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



D476C6



FF78EB



D4B276



6B606A



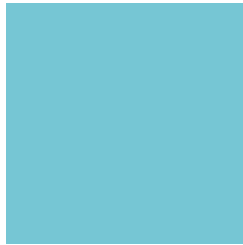
AB0091



2B0025

Previews

White Background



This preview shows how the Hex color 76C6D4 looks on a white background.

Color Contrast Check

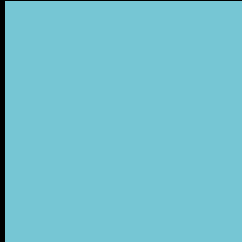
Large Text (above 18pt) WCAG AA × Fail

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 76C6D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

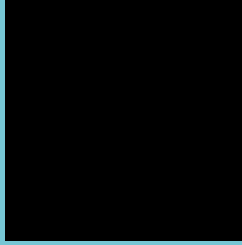
Any Text WCAG AA ✓ Pass

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 76C6D4 Background



This preview shows how black text looks on a background with the Hex color 76C6D4.



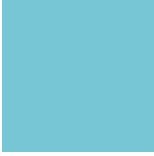
This preview shows how white text looks on a background with the Hex color 76C6D4.

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](#).

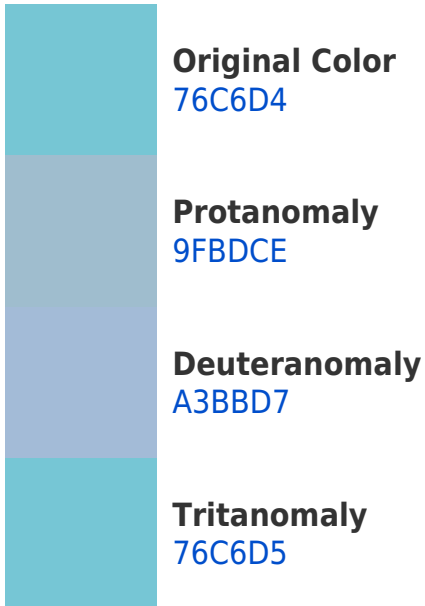
Dichromacy





Tritanopia
76C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C6D4 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 #76C6D4 looks like.

```
.text, #text, p{  
    color:#76C6D4  
}
```

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 #76C6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C6D4
}
```

Border

The CSS property to change the border of an element to Hex 76C6D4 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
#76C6D4 }
```

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

```
.border{ border-color:#76C6D4 }
```

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

Here you see how a box with a 4 pixel #76C6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C6D4; -webkit-box-shadow:4px 4px  
4px 4px #76C6D4; box-shadow:4px 4px 4px  
4px #76C6D4 }
```

Background

The CSS property to change the background color of an element to Hex 76C6D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C6D4 }
```

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

```
.background{ background-color:#76C6D4 }
```

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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