

Converting Colors

Hex(76CC8D)

Have a look what the booklet for
Hex(76CC8D) contains.

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Color

Hex(76CC8D)

Conversions

Conversions Part 1

Format	Color
Hex	76CC8D
RGB	118, 204, 141
RGB Percent	46%, 80%, 55%
CMY	0.5373, 0.2000, 0.4471
CMYK	0.42, 0.00, 0.31, 0.20
HSL	136°, 46%, 63%
HSV	136°, 42%, 80%
XYZ	33.8718, 48.9604, 32.8644
YIQ	171.1040, -31.0330, -37.8250

Conversions

Conversions Part 2

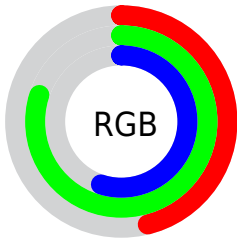
Format	Color
R_{YB}	118, 186, 204
Decimal	7785613
CIE _{Lab}	75.43, -39.59, 23.47
CIE _{LCh}	75, 46.027, 149.336
Yxy	48.9604, 0.2928, 0.4232
Android (android.graphics.Color)	4285975693 (0xFF76CC8D)
YUV	171.1040, -14.8413, -46.5722
Hunter-Lab	69.9717, -36.0424, 21.1328

Details

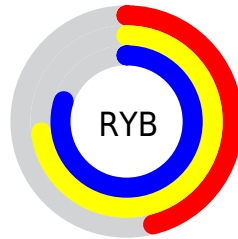
The Hex color **76CC8D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CC76B5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AEFFC3**, and **3F955A** is the 20% darker color. If you saturate the color by 10%, you get **62CC7E**, and if you desaturate by 10%, it is **8ACC9C**.

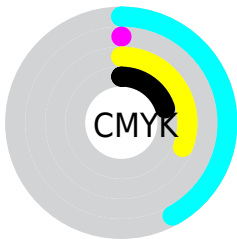
Distribution



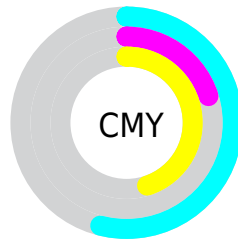
- Red (46%)
- Green (80%)
- Blue (55%)



- Red (46%)
- Yellow (73%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CC8D 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 76CC8D by changing the saturation by 10% instead.

 76CC8D

 76CC8D

FFFFFF

 5BB073

 AEFFC3

 3F955A

 CAFFDF

 217B42

 E7FFFC

 00612B

 004915

 003100

 001B00

 000000

 76CC8D

 76CC8D

 62CC7E

 8ACC9C

 4DCC6F

 9FCCAB

 39CC60

 B3CCBA

 24CC51

 C8CCC9

 10CC42

 DCCCD8

 00CC37

 F0CCE7

 FFCCF6

 FFCCFF

Harmonies

Analogous

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



AAC46E



76CC8D



2AD0B7

Triad

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



76CC8D



74BEFF



FF9B92

Complementary

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



76CC8D



CC76B5

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.



FF98BC



76CC8D



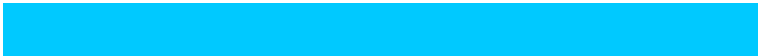
BCAFFF

Square

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



76CC8D



00C9FF



EEA0E6



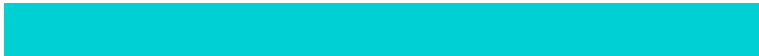
F7A872

Rectangle

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



76CC8D



00D0D4



EEA0E6



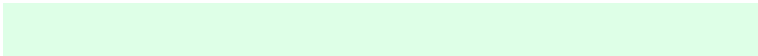
FF99A0

Sweetspot

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



76CC8D



DEFFE7



B5CC76



6B8071



000000



808080

Same Dimension

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



76CC8D



7DFFA0



76CCB8



5C665F



00A62C



00260A

Inverse Universe

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



CC76B5



FF7DDC



CC768A



665C63



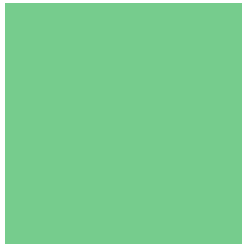
A60079



26001C

Previews

White Background



This preview shows how the Hex color 76CC8D looks on a white background.

Color Contrast Check

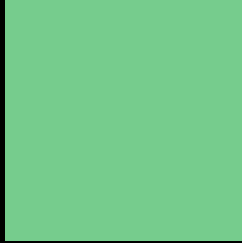
Large Text (above 18pt) WCAG AA × Fail

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 76CC8D 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 76CC8D Background



This preview shows how black text looks on a background with the Hex color 76CC8D.

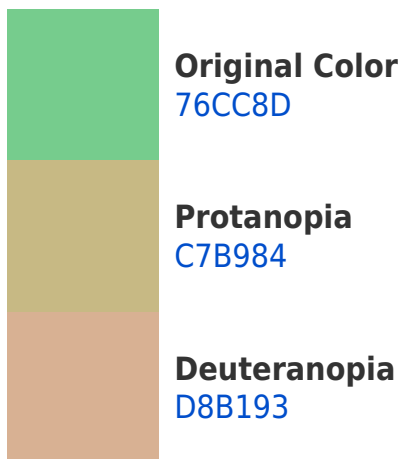


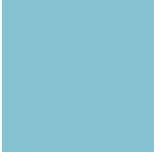
This preview shows how white text looks on a background with the Hex color 76CC8D.

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
85C3D3

Trichromacy



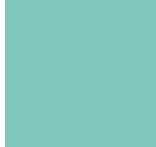
Original Color
76CC8D



Protanomaly
AAC087



Deuteranomaly
B4BB91



Tritanomaly
80C6BA

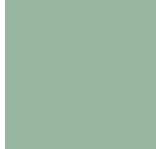
Monochromacy



Original Color
76CC8D



Achromatopsia
ABABAB



Achromatomaly
98B7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 76CC8D 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 #76CC8D looks like.

```
.text, #text, p{  
    color:#76CC8D  
}
```

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 #76CC8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CC8D
}
```

Border

The CSS property to change the border of an element to Hex 76CC8D 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
#76CC8D }
```

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

```
.border{ border-color:#76CC8D }
```

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

Here you see how a box with a 4 pixel #76CC8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CC8D; -webkit-box-shadow:4px 4px  
4px 4px #76CC8D; box-shadow:4px 4px 4px  
4px #76CC8D }
```

Background

The CSS property to change the background color of an element to Hex 76CC8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CC8D }
```

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

```
.background{ background-color:#76CC8D }
```

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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