

Converting Colors

Hex(77CD8C)

Have a look what the booklet for
Hex(77CD8C) contains.

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Color

Hex(77CD8C)

Conversions

Conversions Part 1

Format	Color
Hex	77CD8C
RGB	119, 205, 140
RGB Percent	47%, 80%, 55%
CMY	0.5333, 0.1961, 0.4510
CMYK	0.42, 0.00, 0.32, 0.20
HSL	135°, 46%, 64%
HSV	135°, 42%, 80%
XYZ	34.1727, 49.4780, 32.5601
YIQ	171.8760, -30.3910, -38.4470

Conversions

Conversions Part 2

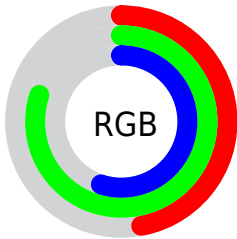
Format	Color
RYB	119, 188, 205
Decimal	7851404
CIELab	75.75, -39.93, 24.44
CIElCh	76, 46.816, 148.527
Yxy	49.4780, 0.2941, 0.4258
Android (android.graphics.Color)	4286041484 (0xFF77CD8C)
YUV	171.8760, -15.7149, -46.3723
Hunter-Lab	70.3406, -36.3777, 21.7936

Details

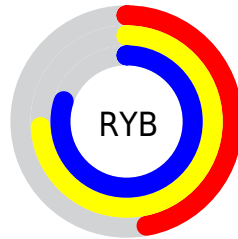
The Hex color **77CD8C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD77B8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **AFFFC2**, and **409659** is the 20% darker color. If you saturate the color by 10%, you get **63CD7D**, and if you desaturate by 10%, it is **8BCD9B**.

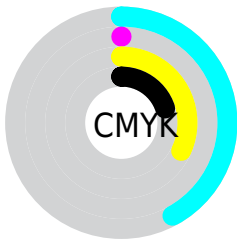
Distribution



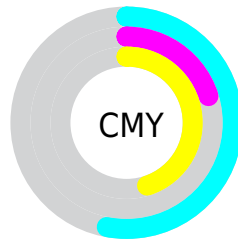
- Red (47%)
- Green (80%)
- Blue (55%)



- Red (47%)
- Yellow (74%)
- Blue (80%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77CD8C 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 77CD8C by changing the saturation by 10% instead.

 77CD8C

 77CD8C

FFFFFF

 5CB172

 AFFFC2

 409659

 CBFFDE

 227C41

 E8FFFB

 00622A

 004A14

 003200

 001C00

 000000

 77CD8C

 77CD8C

 63CD7D

 8BCD9B

 4ECD6D

 A0CDAB

 3ACD5E

 B5CDBA

 25CD4E

 C9CDCA

 10CD3F

 DECDD9

 00CD32

 F2CDE9

 FFCDF8

 FFCDFE

Harmonies

Analogous

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



ACC46D



77CD8C



28D1B7

Triad

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



77CD8C



71C0FF



FF9B94

Complementary

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



77CD8C



CD77B8

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.



FF98BF



77CD8C



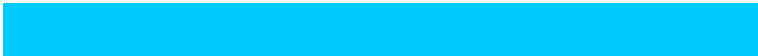
BBB0FF

Square

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



77CD8C



00CBFF



EFA1E8



F9A872

Rectangle

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



77CD8C



00D1D5



EFA1E8



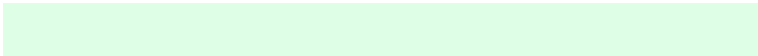
FF99A1

Sweetspot

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



77CD8C



DEFFE6



B9CD77



6B8070



000000



808080

Same Dimension

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



77CD8C



80FF9F



77CDB6



5C665E



00A628



002609

Inverse Universe

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



CD77B8



FF80E0



CD778E



665C64



A6007D



26001D

Previews

White Background



This preview shows how the Hex color 77CD8C looks on a white background.

Color Contrast Check

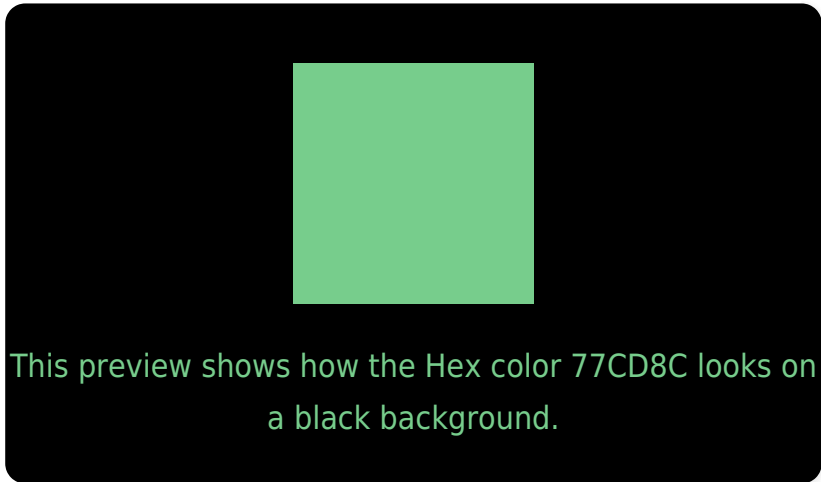
Large Text (above 18pt) WCAG AA × Fail

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

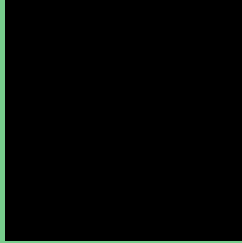
Any Text WCAG AA ✓ Pass

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 77CD8C Background



This preview shows how black text looks on a background with the Hex color 77CD8C.

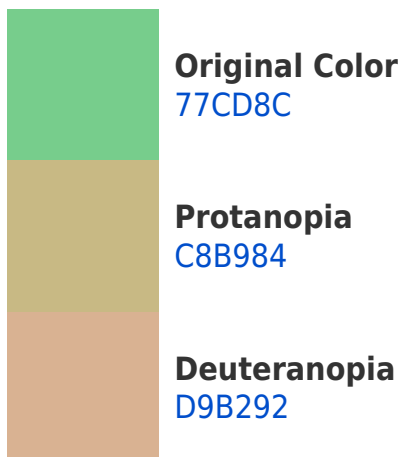


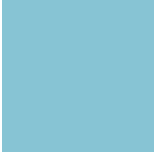
This preview shows how white text looks on a background with the Hex color 77CD8C.

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
87C4D4

Trichromacy



Original Color
77CD8C



Protanomaly
ABC087



Deuteranomaly
B5BC90



Tritanomaly
81C7BA

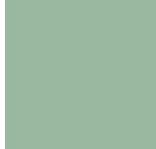
Monochromacy



Original Color
77CD8C



Achromatopsia
ACACAC



Achromatomaly
99B8A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 77CD8C 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 #77CD8C looks like.

```
.text, #text, p{  
    color:#77CD8C  
}
```

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 #77CD8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77CD8C
}
```

Border

The CSS property to change the border of an element to Hex 77CD8C 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
#77CD8C }
```

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

```
.border{ border-color:#77CD8C }
```

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

Here you see how a box with a 4 pixel #77CD8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77CD8C; -webkit-box-shadow:4px 4px  
4px 4px #77CD8C; box-shadow:4px 4px 4px  
4px #77CD8C }
```

Background

The CSS property to change the background color of an element to Hex 77CD8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77CD8C }
```

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

```
.background{ background-color:#77CD8C }
```

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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