

Converting Colors

Hex(75CD8D)

Have a look what the booklet for
Hex(75CD8D) contains.

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Color

Hex(75CD8D)

Conversions

Conversions Part 1

Format	Color
Hex	75CD8D
RGB	117, 205, 141
RGB Percent	46%, 80%, 55%
CMY	0.5412, 0.1961, 0.4471
CMYK	0.43, 0.00, 0.31, 0.20
HSL	136°, 47%, 63%
HSV	136°, 43%, 80%
XYZ	33.9752, 49.3676, 32.9375
YIQ	171.3920, -31.9040, -38.5600

Conversions

Conversions Part 2

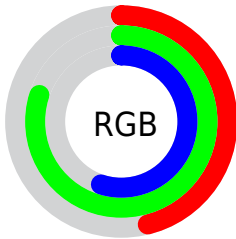
Format	Color
RYB	117, 186, 205
Decimal	7720333
CIELab	75.68, -40.32, 23.81
CIELCh	76, 46.826, 149.437
Yxy	49.3676, 0.2922, 0.4246
Android (android.graphics.Color)	4285910413 (0xFF75CD8D)
YUV	171.3920, -14.9833, -47.7018
Hunter-Lab	70.2621, -36.6452, 21.3895

Details

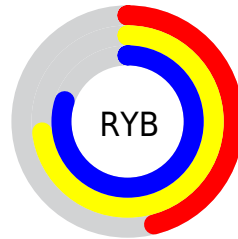
The Hex color **75CD8D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD75B5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ADFFC3**, and **3E965A** is the 20% darker color. If you saturate the color by 10%, you get **61CD7E**, and if you desaturate by 10%, it is **8ACD9C**.

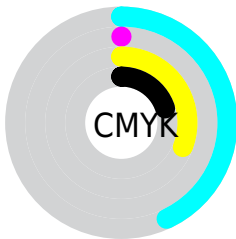
Distribution



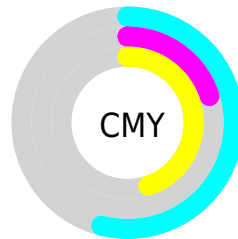
- Red (46%)
- Green (80%)
- Blue (55%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 75CD8D 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 75CD8D by changing the saturation by 10% instead.

 75CD8D

 75CD8D

FFFFFF

 5AB173

 ADFFC3

 3E965A

 C9FFDF

 1F7C42

 E6FFFC

 00622B

 004A15

 003200

 001C00

 000000

 75CD8D

 75CD8D

 61CD7E

 8ACD9C

 4CCD6F

 9ECDAB

 37CD60

 B3CDBA

 23CD51

 C7CDC9

 0ECD42

 DCCDD8

 00CD38

 F0CDE6

 FFCDF5

 FFCDFE

Harmonies

Analogous

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



AAC56D



75CD8D



23D1B8

Triad

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



75CD8D



73BFFF



FF9B92

Complementary

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



75CD8D



CD75B5

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.



FF98BD



75CD8D



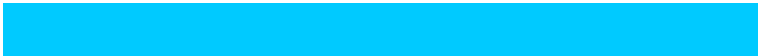
BDB0FF

Square

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



75CD8D



00CAFF



F0A0E7



F8A871

Rectangle

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



75CD8D



00D1D6



F0A0E7



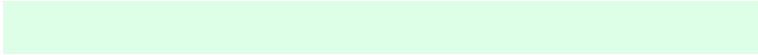
FF99A0

Sweetspot

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



75CD8D



DEFFE7



B6CD75



6B8071



000000



808080

Same Dimension

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



75CD8D



7AFF9F



75CDB8



5C665F



00A62D



00260A

Inverse Universe

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



CD75B5



FF7ADB



CD758A



665C63



A60079



26001C

Previews

White Background



This preview shows how the Hex color 75CD8D looks on a white background.

Color Contrast Check

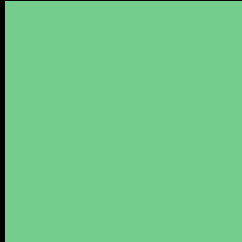
Large Text (above 18pt) WCAG AA × Fail

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 75CD8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

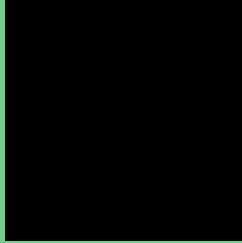
Any Text WCAG AA ✓ Pass

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 75CD8D Background



This preview shows how black text looks on a background with the Hex color 75CD8D.

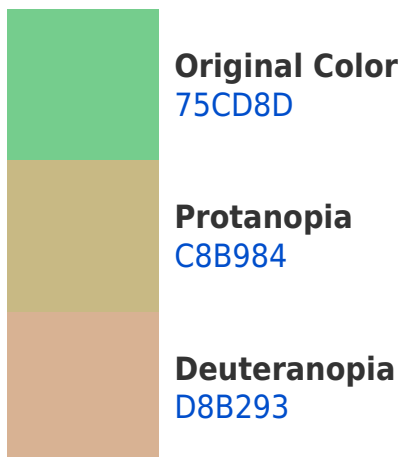


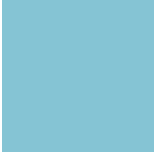
This preview shows how white text looks on a background with the Hex color 75CD8D.

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
85C4D4

Trichromacy



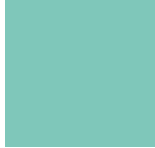
Original Color
75CD8D



Protanomaly
AAC087



Deuteranomaly
B4BC91



Tritanomaly
7FC7BA

Monochromacy



Original Color
75CD8D



Achromatopsia
ABABAB



Achromatomaly
97B7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 75CD8D 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 #75CD8D looks like.

```
.text, #text, p{  
    color:#75CD8D  
}
```

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 #75CD8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CD8D
}
```

Border

The CSS property to change the border of an element to Hex 75CD8D 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
#75CD8D }
```

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

```
.border{ border-color:#75CD8D }
```

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

Here you see how a box with a 4 pixel #75CD8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CD8D; -webkit-box-shadow:4px 4px  
4px 4px #75CD8D; box-shadow:4px 4px 4px  
4px #75CD8D }
```

Background

The CSS property to change the background color of an element to Hex 75CD8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CD8D }
```

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

```
.background{ background-color:#75CD8D }
```

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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