

Converting Colors

Hex(75CD9B)

Have a look what the booklet for
Hex(75CD9B) contains.

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Color

Hex(75CD9B)

Conversions

Conversions Part 1

Format	Color
Hex	75CD9B
RGB	117, 205, 155
RGB Percent	46%, 80%, 61%
CMY	0.5412, 0.1961, 0.3922
CMYK	0.43, 0.00, 0.24, 0.20
HSL	146°, 47%, 63%
HSV	146°, 43%, 80%
XYZ	35.0838, 49.8111, 38.7757
YIQ	172.9880, -36.3980, -34.2060

Conversions

Conversions Part 2

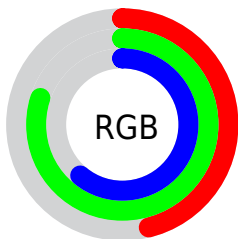
Format	Color
RYB	117, 178, 205
Decimal	7720347
CIELab	75.95, -37.68, 16.78
CIELCh	76, 41.248, 156.000
Yxy	49.8111, 0.2837, 0.4028
Android (android.graphics.Color)	4285910427 (0xFF75CD9B)
YUV	172.9880, -8.8681, -49.1015
Hunter-Lab	70.5770, -34.7773, 16.8293

Details

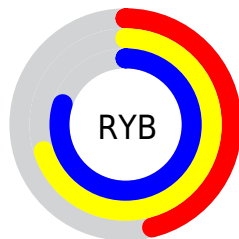
The Hex color **75CD9B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD75A7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **ADFFD2**, and **3E9668** is the 20% darker color. If you saturate the color by 10%, you get **61CD8F**, and if you desaturate by 10%, it is **8ACDA7**.

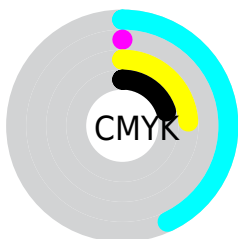
Distribution



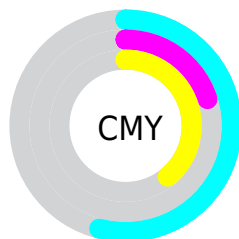
- Red (46%)
- Green (80%)
- Blue (61%)



- Red (46%)
- Yellow (70%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75CD9B 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 75CD9B by changing the saturation by 10% instead.

 75CD9B

 75CD9B

FFFFFF

 5AB181

 ADFFD2

 3E9668

 C9FFEE

 1F7C4F

 E6FFFF

 006238

 004A22

 00320D

 001D00

 000000

 75CD9B

 75CD9B

 61CD8F

 8ACDA7

 4CCD84

 9ECDB2

 37CD78

 B3CDBE

 23CD6C

 C7CDCA

 0ECD61

 DCCDD5

 00CD59

 F0CDE1

 FFCDED

 FFCDF8

 FFCDFE

Harmonies

Analogous

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



A4C67C



75CD9B



3DD0C2

Triad

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



75CD9B



90BCFF



FFA290

Complementary

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



75CD9B



CD75A7

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.



FF9DB5



75CD9B



CAAFF9

Square

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



75CD9B



4AC7FF



F1A2DB



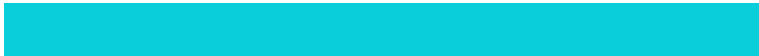
EEAE76

Rectangle

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



75CD9B



0ACFDB



F1A2DB



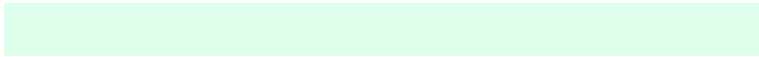
FFA09C

Sweetspot

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



75CD9B



DEFFEC



A8CD75



6B8074



000000



808080

Same Dimension

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



75CD9B



7AFFB4



75CDC6



5C6660



00A648



002611

Inverse Universe

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



CD75A7



FF7AC6



CD757C



665C62



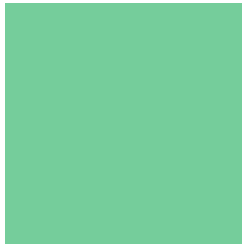
A6005E



260016

Previews

White Background



This preview shows how the Hex color 75CD9B looks on a white background.

Color Contrast Check

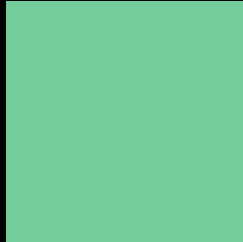
Large Text (above 18pt) WCAG AA × Fail

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 75CD9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

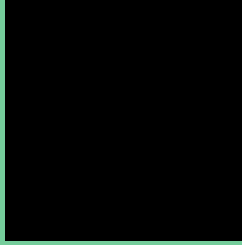
Any Text WCAG AA ✓ Pass

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 75CD9B Background



This preview shows how black text looks on a background with the Hex color 75CD9B.

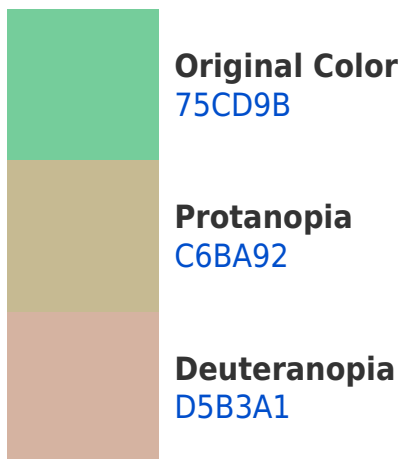


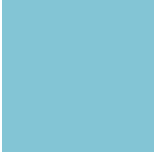
This preview shows how white text looks on a background with the Hex color 75CD9B.

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
83C5D5

Trichromacy



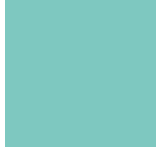
Original Color
75CD9B



Protanomaly
A9C195



Deuteranomaly
B2BC9F



Tritanomaly
7EC8C0

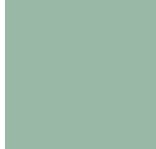
Monochromacy



Original Color
75CD9B



Achromatopsia
ADADAD



Achromatomaly
99B9A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 75CD9B 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 #75CD9B looks like.

```
.text, #text, p{  
    color:#75CD9B  
}
```

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 #75CD9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CD9B
}
```

Border

The CSS property to change the border of an element to Hex 75CD9B 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
#75CD9B }
```

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

```
.border{ border-color:#75CD9B }
```

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

Here you see how a box with a 4 pixel #75CD9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CD9B; -webkit-box-shadow:4px 4px  
4px 4px #75CD9B; box-shadow:4px 4px 4px  
4px #75CD9B }
```

Background

The CSS property to change the background color of an element to Hex 75CD9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CD9B }
```

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

```
.background{ background-color:#75CD9B }
```

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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