

Converting Colors

Hex(75C98E)

Have a look what the booklet for
Hex(75C98E) contains.

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Color

Hex(75C98E)

Conversions

Conversions Part 1

Format	Color
Hex	75C98E
RGB	117, 201, 142
RGB Percent	46%, 79%, 56%
CMY	0.5412, 0.2118, 0.4431
CMYK	0.42, 0.00, 0.29, 0.21
HSL	138°, 44%, 62%
HSV	138°, 42%, 79%
XYZ	33.1052, 47.5082, 33.0164
YIQ	169.1580, -31.1250, -36.1570

Conversions

Conversions Part 2

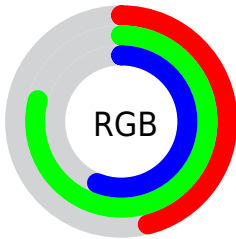
Format	Color
RYB	117, 182, 201
Decimal	7719310
CIELab	74.51, -38.35, 21.69
CIElCh	75, 44.061, 150.505
Yxy	47.5082, 0.2913, 0.4181
Android (android.graphics.Color)	4285909390 (0xFF75C98E)
YUV	169.1580, -13.3889, -45.7426
Hunter-Lab	68.9262, -34.8873, 19.8478

Details

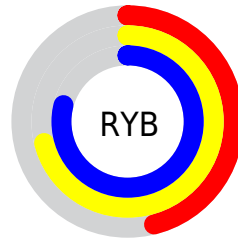
The Hex color **75C98E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C975B0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ACFFC4**, and **3E925B** is the 20% darker color. If you saturate the color by 10%, you get **61C980**, and if you desaturate by 10%, it is **89C99C**.

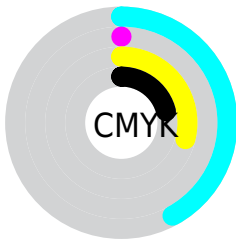
Distribution



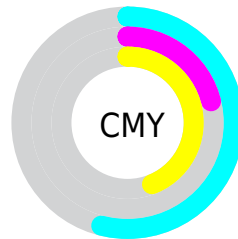
- Red (46%)
- Green (79%)
- Blue (56%)



- Red (46%)
- Yellow (71%)
- Blue (79%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (54%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C98E 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 75C98E by changing the saturation by 10% instead.

 75C98E

 75C98E

FFFFFF

 5AAD74

 ACFFC4

 3E925B

 C9FFE0

 217843

 E6FFFD

 005F2D

 004617

 002F00

 001800

 000000

 75C98E

 75C98E

 61C980

 89C99C

 4DC972

 9DC9AA

 39C964

 B1C9B8

 25C956

 C5C9C6

 11C947

 DAC9D5

 00C93C

 EEC9E3

 FFC9F1

 FFC9FF

Harmonies

Analogous

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



A6C170



75C98E



31CDB7

Triad

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



75C98E



7ABBFF



FF9B90

Complementary

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



75C98E



C975B0

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.



FF97B8



75C98E



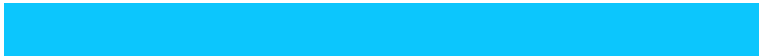
BCADFD

Square

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



75C98E



0CC6FD



EB9EE0



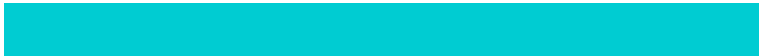
F1A772

Rectangle

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



75C98E



00CCD2



EB9EE0



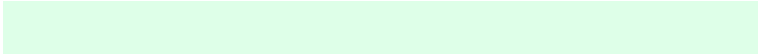
FF989D

Sweetspot

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



75C98E



DEFFE8



B1C975



6B8071



000000



808080

Same Dimension

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



75C98E



80FFA5



75C9B7



5A635C



00A331



00240B

Inverse Universe

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



C975B0



FF80D9



C97587



635A60



A30073



240019

Previews

White Background



This preview shows how the Hex color 75C98E looks on a white background.

Color Contrast Check

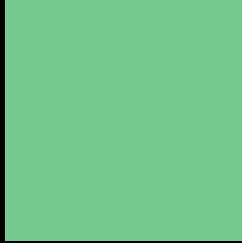
Large Text (above 18pt) WCAG AA × Fail

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 75C98E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

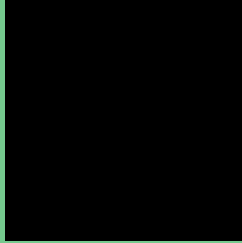
Any Text WCAG AA ✓ Pass

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 75C98E Background



This preview shows how black text looks on a background with the Hex color 75C98E.

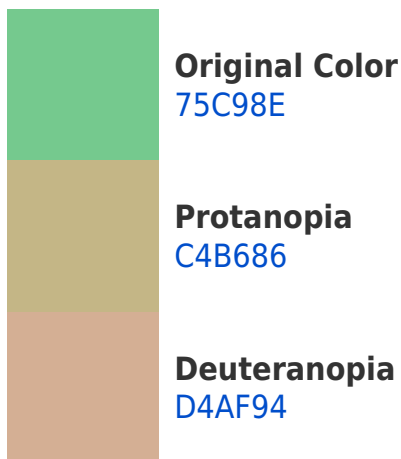


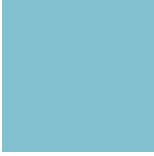
This preview shows how white text looks on a background with the Hex color 75C98E.

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
84C1D0

Trichromacy



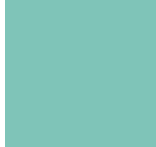
Original Color
75C98E



Protanomaly
A7BD89



Deuteranomaly
B1B892

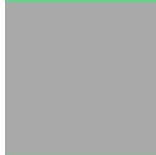


Tritanomaly
7FC4B8

Monochromacy



Original Color
75C98E



Achromatopsia
A9A9A9



Achromatomaly
96B59F

CSS Examples

Text

The CSS property to change the color of the text to Hex 75C98E 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 #75C98E looks like.

```
.text, #text, p{  
    color:#75C98E  
}
```

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 #75C98E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C98E
}
```

Border

The CSS property to change the border of an element to Hex 75C98E 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
#75C98E }
```

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

```
.border{ border-color:#75C98E }
```

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

Here you see how a box with a 4 pixel #75C98E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C98E; -webkit-box-shadow:4px 4px  
4px 4px #75C98E; box-shadow:4px 4px 4px  
4px #75C98E }
```

Background

The CSS property to change the background color of an element to Hex 75C98E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C98E }
```

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

```
.background{ background-color:#75C98E }
```

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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