

Converting Colors

Hex(75C58C)

Have a look what the booklet for
Hex(75C58C) contains.

Hex(75C58C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75C58C)

Conversions

Conversions Part 1

Format	Color
Hex	75C58C
RGB	117, 197, 140
RGB Percent	46%, 77%, 55%
CMY	0.5412, 0.2275, 0.4510
CMYK	0.41, 0.00, 0.29, 0.23
HSL	137°, 41%, 62%
HSV	137°, 41%, 77%
XYZ	32.0360, 45.6079, 31.9257
YIQ	166.5820, -29.3830, -34.6870

Conversions

Conversions Part 2

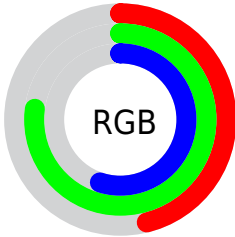
Format	Color
RYB	117, 179, 197
Decimal	7718284
CIELab	73.29, -36.91, 21.08
CIELCh	73, 42.502, 150.266
Yxy	45.6079, 0.2924, 0.4162
Android (android.graphics.Color)	4285908364 (0xFF75C58C)
YUV	166.5820, -13.1049, -43.4834
Hunter-Lab	67.5336, -33.5085, 19.2449

Details

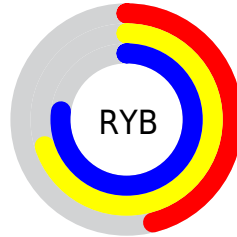
The Hex color **75C58C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C575AE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ACFEC2**, and **3F8F5A** is the 20% darker color. If you saturate the color by 10%, you get **61C57E**, and if you desaturate by 10%, it is **89C59A**.

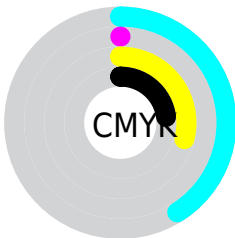
Distribution



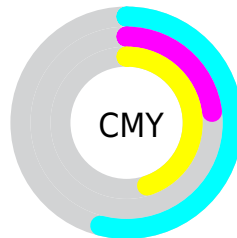
- Red (46%)
- Green (77%)
- Blue (55%)



- Red (46%)
- Yellow (70%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (54%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C58C 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 75C58C by changing the saturation by 10% instead.

 75C58C

 75C58C

FFFFFF

 5AA972

 ACFEC2

 3F8F5A

 C8FFDE

 227542

 E5FFFA

 005B2B

 004315

 002C00

 001400

 000000

 75C58C

 75C58C

 61C57E

 89C59A

 4EC570

 9CC5A8

 3AC562

 B0C5B6

 26C554

 C4C5C4

 12C546

 D8C5D2

 00C539

 EBC5E0

 FFC5EE

 FFC5FC

 FFC5FF

Harmonies

Analogous

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



A4BD6F



75C58C



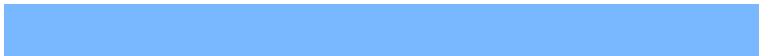
38C8B3

Triad

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



75C58C



79B8FF



FE998F

Complementary

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



75C58C



C575AE

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.



FC95B5



75C58C



B8AAF7

Square

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



75C58C



1FC2F7



E59CDB



ECA471

Rectangle

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



75C58C



00C8CE



E59CDB



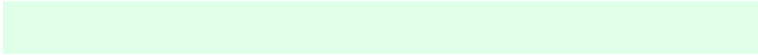
FF969B

Sweetspot

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



75C58C



E0FFE9



AEC575



6E8073



000000



808080

Same Dimension

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



75C58C



82FFA6



75C5B4



5A635C



00A32F



00240A

Inverse Universe

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



C575AE



FF82DB



C57586



635A61



A30074



240019

Previews

White Background



This preview shows how the Hex color 75C58C looks on a white background.

Color Contrast Check

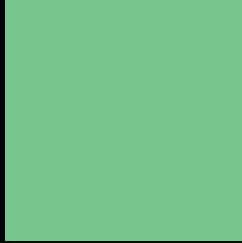
Large Text (above 18pt) WCAG AA × Fail

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 75C58C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

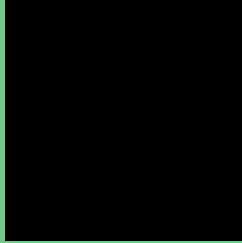
Any Text WCAG AA ✓ Pass

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 75C58C Background



This preview shows how black text looks on a background with the Hex color 75C58C.

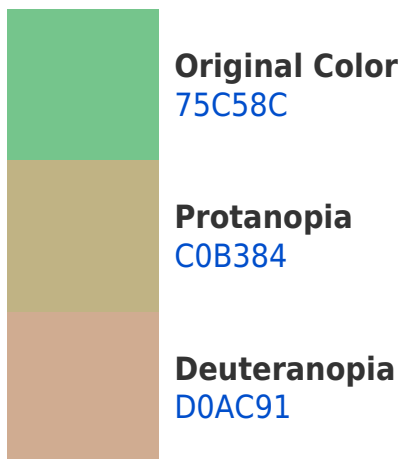


This preview shows how white text looks on a background with the Hex color 75C58C.

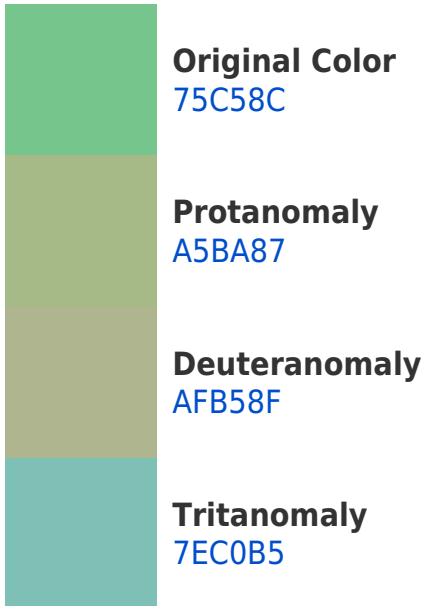
Color Blindness Simulation

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](#).

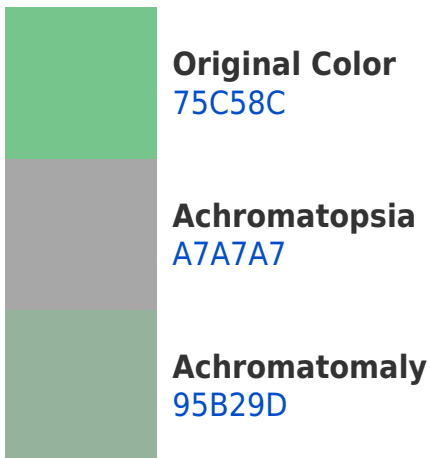
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75C58C 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 #75C58C looks like.

```
.text, #text, p{  
    color:#75C58C  
}
```

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 #75C58C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C58C
}
```

Border

The CSS property to change the border of an element to Hex 75C58C 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
#75C58C }
```

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

```
.border{ border-color:#75C58C }
```

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

Here you see how a box with a 4 pixel #75C58C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C58C; -webkit-box-shadow:4px 4px  
4px 4px #75C58C; box-shadow:4px 4px 4px  
4px #75C58C }
```

Background

The CSS property to change the background color of an element to Hex 75C58C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C58C }
```

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

```
.background{ background-color:#75C58C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor