

# Converting Colors

Hex(75A88C)

Have a look what the booklet for  
Hex(75A88C) contains.

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# **Color**

**Hex(75A88C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A88C
RGB	117, 168, 140
RGB Percent	46%, 66%, 55%
CMY	0.5412, 0.3412, 0.4510
CMYK	0.30, 0.00, 0.17, 0.34
HSL	147°, 23%, 56%
HSV	147°, 30%, 66%
XYZ	26.0724, 33.6806, 29.9378
YIQ	149.5590, -21.4080, -19.5200

# Conversions

## Conversions Part 2

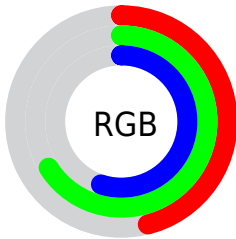
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 152, 168
Decimal	7710860
CIELab	64.71, -23.00, 9.10
CIElCh	65, 24.739, 158.417
Yxy	33.6806, 0.2907, 0.3755
Android (android.graphics.Color)	4285900940 (0xFF75A88C)
YUV	149.5590, -4.7126, -28.5542
Hunter-Lab	58.0350, -21.3697, 10.0393

# Details

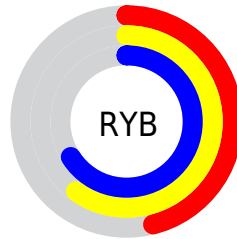
The Hex color **75A88C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A87591**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **AADFC2**, and **43745A** is the 20% darker color. If you saturate the color by 10%, you get **64A883**, and if you desaturate by 10%, it is **86A895**.

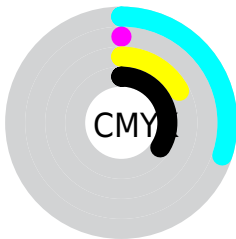
# Distribution



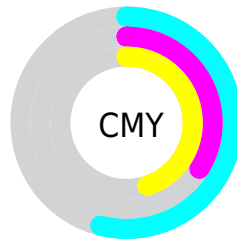
- Red (46%)
- Green (66%)
- Blue (55%)



- Red (46%)
- Yellow (60%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)



- Cyan (54%)
- Magenta (34%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A88C 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 75A88C by changing the saturation by 10% instead.





75A88C



75A88C

FFFFFF



5B8D72



AADFC2



43745A



C6FCDD



2A5B42



E2FFFA



11432C



002C18



001900



000000



75A88C



75A88C



64A883



86A895

 53A87A

 97A89E

 43A870

 A7A8A8

 32A867

 B8A8B1

 21A85E

 C9A8BA

 10A855

 DAA8C3

 00A84C

 EBA8CD

 FBA8D6

 FFA8DF

# Harmonies

## Analogous

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



8EA47A



75A88C



61A9A3

# Triad

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



75A88C



8A9DC8



C79083

# Complementary

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



75A88C



A87591

# 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.



C98D97



75A88C



A895C0

# Square

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



75A88C



6CA4C5



BF8FAE



BB9674

# Rectangle

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



75A88C



5BA9B1



BF8FAE



C98E89



# Sweetspot

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



75A88C



C8DBD0



91A875



626E67



EDEDED



6E6E6E



# Same Dimension

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



75A88C



8CDBB0



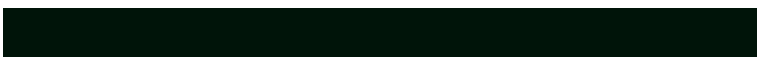
75A8A5



4C5450



009443



001409



# Inverse Universe

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



A87591



DB8CB8



A87578



544C50



940051



14000B



# Previews

## White Background



This preview shows how the Hex color 75A88C looks on a white background.

## Color Contrast Check

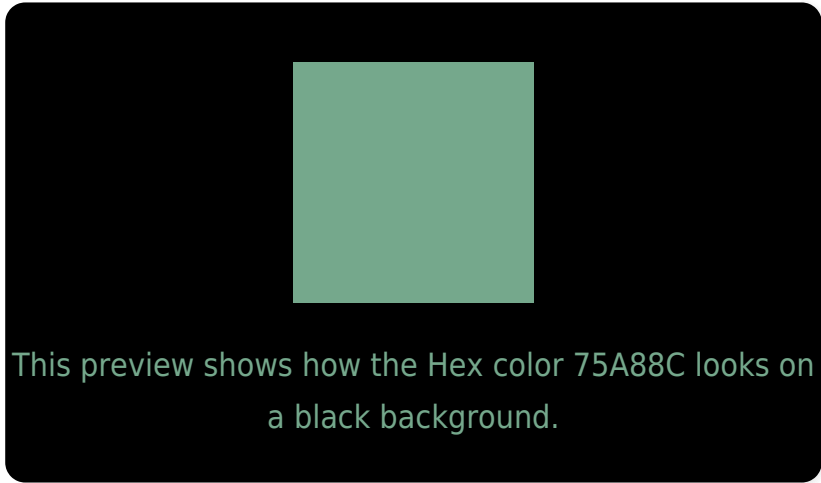
Large Text (above 18pt) WCAG AA × Fail

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

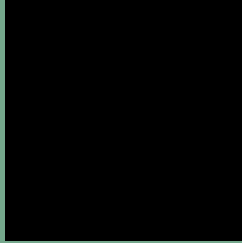
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75A88C Background



This preview shows how black text looks on a background with the Hex color 75A88C.

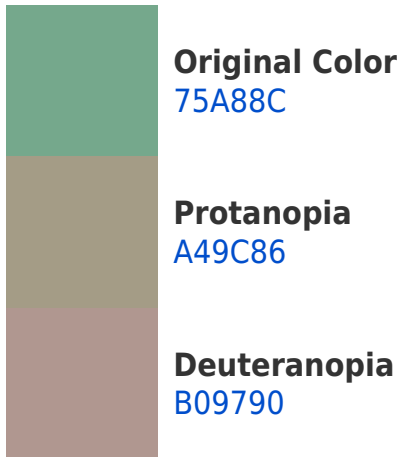


This preview shows how white text looks on a background with the Hex color 75A88C.

# 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](#).

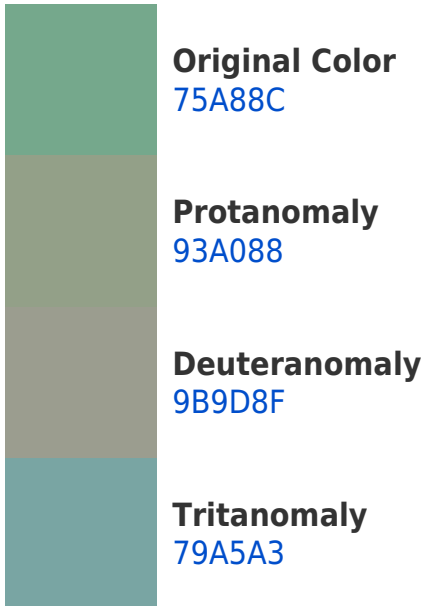
## Dichromacy





**Tritanopia**  
7CA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A88C 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 #75A88C looks like.

```
.text, #text, p{  
    color:#75A88C  
}
```

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 #75A88C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A88C
}
```

## Border

The CSS property to change the border of an element to Hex 75A88C 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
#75A88C }
```

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

```
.border{ border-color:#75A88C }
```

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

Here you see how a box with a 4 pixel #75A88C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A88C; -webkit-box-shadow:4px 4px  
4px 4px #75A88C; box-shadow:4px 4px 4px  
4px #75A88C }
```

# Background

The CSS property to change the background color of an element to Hex 75A88C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A88C }
```

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

```
.background{ background-color:#75A88C }
```

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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