

Converting Colors

Hex(75AA8F)

Have a look what the booklet for
Hex(75AA8F) contains.

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Color

Hex(75AA8F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75AA8F |
| RGB | 117, 170, 143 |
| RGB Percent | 46%, 67%, 56% |
| CMY | 0.5412, 0.3333, 0.4392 |
| CMYK | 0.31, 0.00, 0.16, 0.33 |
| HSL | 149°, 24%, 56% |
| HSV | 149°, 31%, 67% |
| XYZ | 26.6688, 34.5145, 31.2430 |
| YIQ | 151.0750, -22.9210, -19.6330 |

Conversions

Conversions Part 2

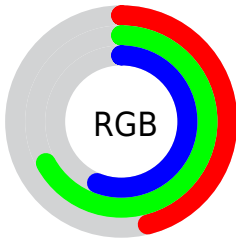
| Format | Color |
|-------------------------------------|---|
| RYB | 117, 153, 170 |
| Decimal | 7711375 |
| CIELab | 65.37, -23.39, 8.38 |
| CIElCh | 65, 24.848, 160.300 |
| Yxy | 34.5145, 0.2885, 0.3734 |
| Android (android.graphics.Color) | 4285901455 (0xFF75AA8F) |
| YUV | 151.0750, -3.9810, -29.8838 |
| Hunter-Lab | 58.7491, -21.7819, 9.5937 |

Details

The Hex color **75AA8F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA7590**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AAE2C5**, and **42765D** is the 20% darker color. If you saturate the color by 10%, you get **64AA86**, and if you desaturate by 10%, it is **86AA98**.

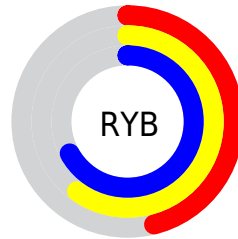
Distribution



Red (46%)

Green (67%)

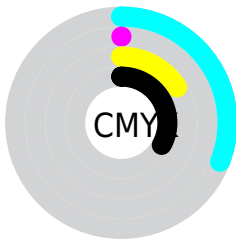
Blue (56%)



Red (46%)

Yellow (60%)

Blue (67%)

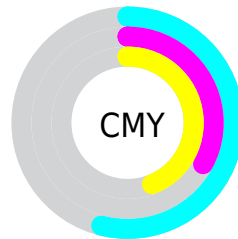


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AA8F 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 75AA8F by changing the saturation by 10% instead.



75AA8F



75AA8F

FFFFFF



5B8F75



AAE2C5



42765D



C6FEE1



2A5D45



E3FFFD



0F452F



002E1A



001B00



000000



75AA8F



75AA8F



64AA86



86AA98

■ 53AA7E

■ 97AAA0

■ 42AA75

■ A8AAA9

■ 31AA6C

■ B9AAB2

■ 20AA64

■ CAAABA

■ 0FAA5B

■ DBAAC3

■ 00AA53

■ ECAACC

■ FDAAD4

■ FFAADD

Harmonies

Analogous

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



8EA67C



75AA8F



61ABA6

Triad

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



75AA8F



8E9ECA



C99283

Complementary

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



75AA8F



AA7590

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.



CC8E98



75AA8F



AC96C1

Square

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



75AA8F



70A5C8



C290AE



BC9875

Rectangle

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



75AA8F



5CAAB4



C290AE



CB9089

Sweetspot

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



75AA8F



CADED4



90AA75



64706A



F0F0F0



707070

Same Dimension

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



75AA8F



8CDEB4



75AAA9



4C5450



009449



00140A

Inverse Universe

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



AA7590



DE8CB6



AA7576



544C50



94004B



14000A

Previews

White Background



This preview shows how the Hex color 75AA8F looks on a white background.

Color Contrast Check

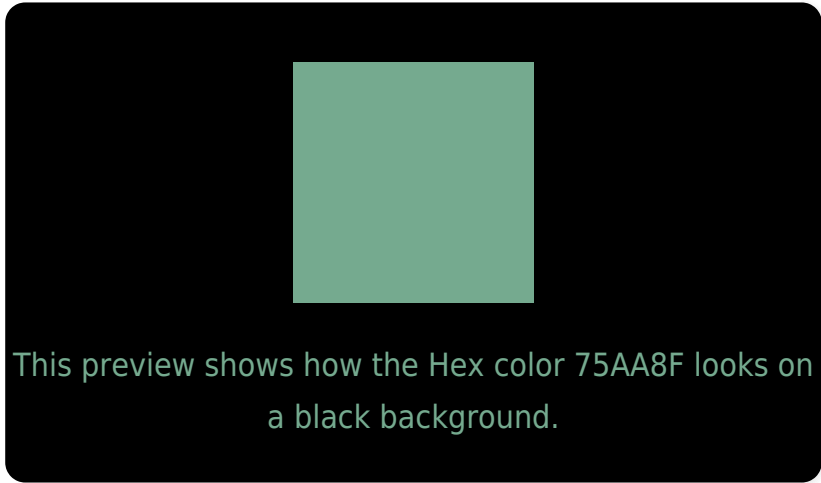
Large Text (above 18pt) WCAG AA × Fail

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

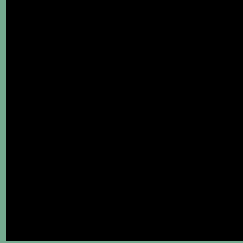
Any Text WCAG AA ✓ Pass

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 75AA8F Background



This preview shows how black text looks on a background with the Hex color 75AA8F.



This preview shows how white text looks on a background with the Hex color 75AA8F.

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



Original Color
75AA8F

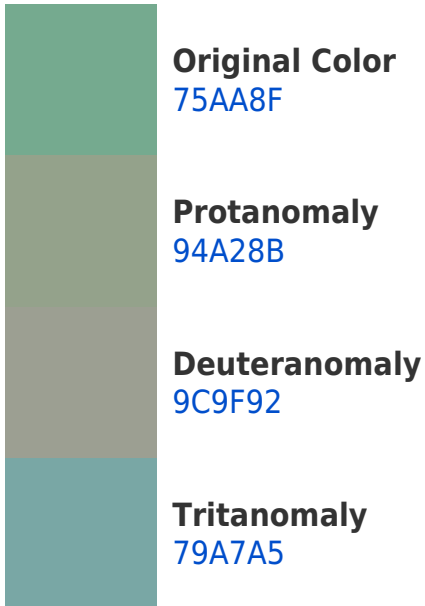
Protanopia
A69E89

Deuteranopia
B29993

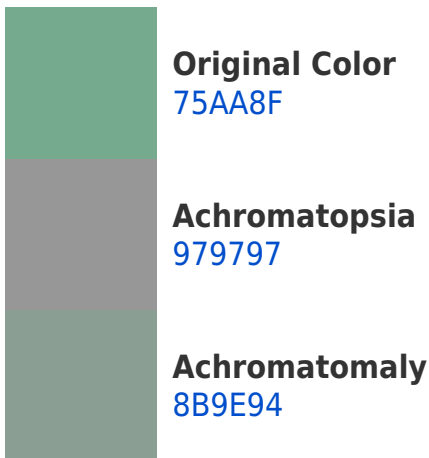


Tritanopia
7CA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75AA8F 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 #75AA8F looks like.

```
.text, #text, p{  
    color:#75AA8F  
}
```

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 #75AA8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AA8F
}
```

Border

The CSS property to change the border of an element to Hex 75AA8F 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
#75AA8F }
```

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

```
.border{ border-color:#75AA8F }
```

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

Here you see how a box with a 4 pixel #75AA8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AA8F; -webkit-box-shadow:4px 4px  
4px 4px #75AA8F; box-shadow:4px 4px 4px  
4px #75AA8F }
```

Background

The CSS property to change the background color of an element to Hex 75AA8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AA8F }
```

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

```
.background{ background-color:#75AA8F }
```

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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