

Converting Colors

Hex(77AA8F)

Have a look what the booklet for
Hex(77AA8F) contains.

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Color

Hex(77AA8F)

Conversions

Conversions Part 1

Format	Color
Hex	77AA8F
RGB	119, 170, 143
RGB Percent	47%, 67%, 56%
CMY	0.5333, 0.3333, 0.4392
CMYK	0.30, 0.00, 0.16, 0.33
HSL	148°, 23%, 57%
HSV	148°, 30%, 67%
XYZ	26.9404, 34.6546, 31.2557
YIQ	151.6730, -21.7290, -19.2090

Conversions

Conversions Part 2

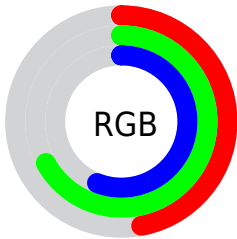
Format	Color
RYB	119, 154, 170
Decimal	7842447
CIELab	65.48, -22.76, 8.55
CIELCh	65, 24.312, 159.416
Yxy	34.6546, 0.2901, 0.3732
Android (android.graphics.Color)	4286032527 (0xFF77AA8F)
YUV	151.6730, -4.2758, -28.6542
Hunter-Lab	58.8681, -21.3305, 9.7280

Details

The Hex color **77AA8F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA7792**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ACE1C5**, and **44765D** is the 20% darker color. If you saturate the color by 10%, you get **66AA86**, and if you desaturate by 10%, it is **88AA98**.

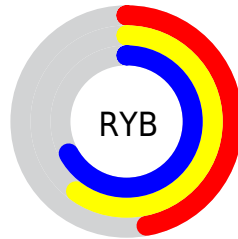
Distribution



Red (47%)

Green (67%)

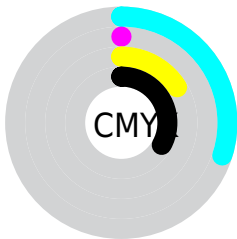
Blue (56%)



Red (47%)

Yellow (60%)

Blue (67%)

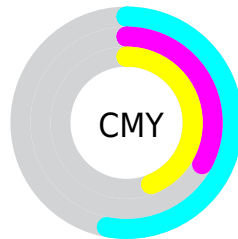


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AA8F 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 77AA8F by changing the saturation by 10% instead.

 77AA8F

 77AA8F

FFFFFF

 5D8F75

 ACE1C5

 44765D

 C8FEE1

 2C5D45

 E5FFFD

 13452F

 002E1A

 001B00

 000000

 77AA8F

 77AA8F

 66AA86

 88AA98

■ 55AA7D

■ 99AAA1

■ 44AA74

■ AAAAAA

■ 33AA6B

■ BBAAB3

■ 22AA62

■ CCAABC

■ 11AA59

■ DDAAC5

■ 00AA50

■ EEAACE

■ FFAAD7

■ FFAAE0

Harmonies

Analogous

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



90A67D



77AA8F



63ABA5

Triad

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



77AA8F



8E9FCA



C99284

Complementary

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



77AA8F



AA7792

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.



CB8F99



77AA8F



AB97C1

Square

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



77AA8F



70A5C7



C191AF



BC9877

Rectangle

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



77AA8F



5EABB4



C191AF



CB918B

Sweetspot

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



77AA8F



CADED3



92AA77



64706A



F0F0F0



707070

Same Dimension

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



77AA8F



8EDEB4



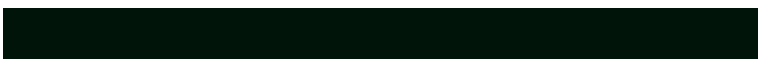
77AAA8



4C5450



009446



00140A

Inverse Universe

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



AA7792



DE8EB8



AA7779



544C50



94004E



14000B

Previews

White Background



This preview shows how the Hex color 77AA8F looks on a white background.

Color Contrast Check

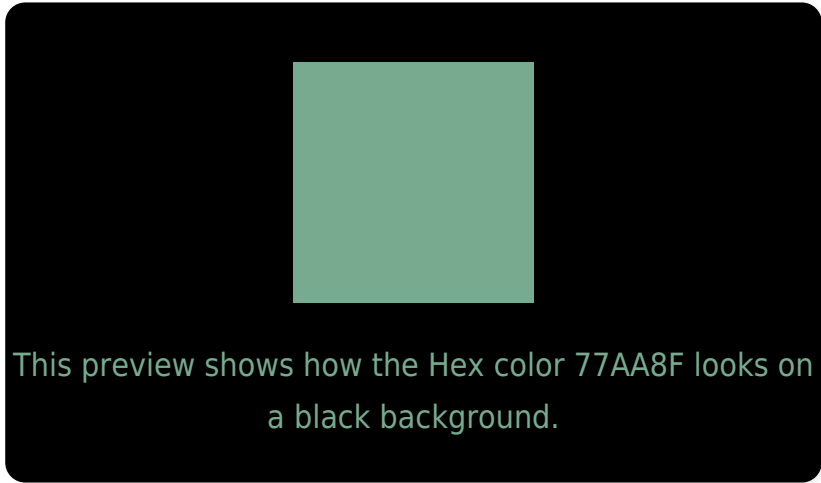
Large Text (above 18pt) WCAG AA × Fail

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

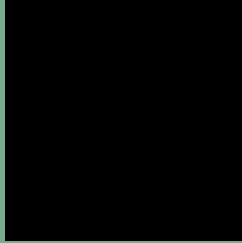
Any Text WCAG AA ✓ Pass

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 77AA8F Background



This preview shows how black text looks on a background with the Hex color 77AA8F.

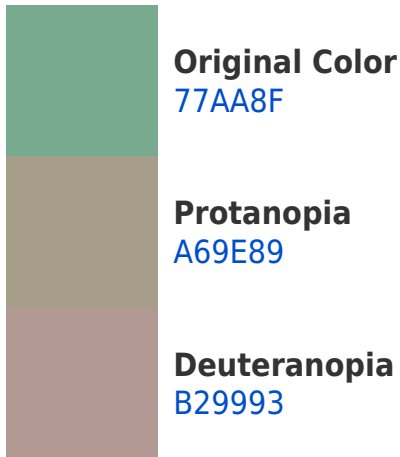


This preview shows how white text looks on a background with the Hex color 77AA8F.

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](#).

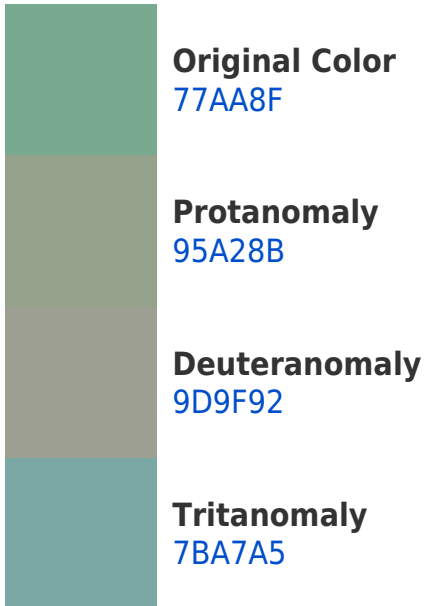
Dichromacy



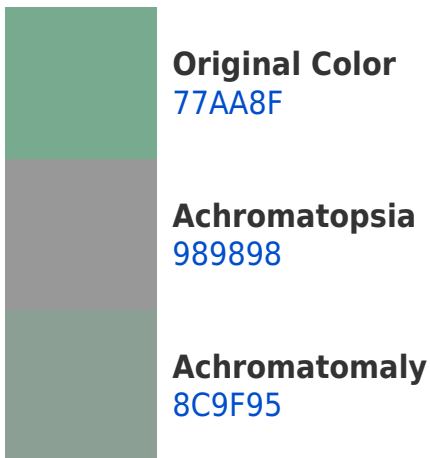


Tritanopia
7EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AA8F 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 #77AA8F looks like.

```
.text, #text, p{  
    color:#77AA8F  
}
```

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 #77AA8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AA8F
}
```

Border

The CSS property to change the border of an element to Hex 77AA8F 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
#77AA8F }
```

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

```
.border{ border-color:#77AA8F }
```

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

Here you see how a box with a 4 pixel #77AA8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AA8F; -webkit-box-shadow:4px 4px  
4px 4px #77AA8F; box-shadow:4px 4px 4px  
4px #77AA8F }
```

Background

The CSS property to change the background color of an element to Hex 77AA8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AA8F }
```

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

```
.background{ background-color:#77AA8F }
```

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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