

Converting Colors

Hex(7A8AAA)

Have a look what the booklet for
Hex(7A8AAA) contains.

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Color

Hex(7A8AAA)

Conversions

Conversions Part 1

Format	Color
Hex	7A8AAA
RGB	122, 138, 170
RGB Percent	48%, 54%, 67%
CMY	0.5216, 0.4588, 0.3333
CMYK	0.28, 0.19, 0.00, 0.33
HSL	220°, 22%, 57%
HSV	220°, 28%, 67%
XYZ	24.3702, 25.2168, 41.6131
YIQ	136.8640, -19.8080, 6.5600

Conversions

Conversions Part 2

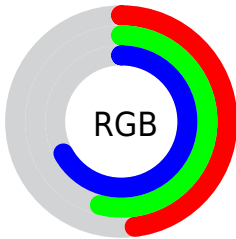
Format	Color
R_{YB}	122, 134, 170
Decimal	8030890
CIE _{Lab}	57.29, 1.76, -18.78
CIE _{LCh}	57, 18.867, 275.347
Yxy	25.2168, 0.2672, 0.2765
Android (android.graphics.Color)	4286220970 (0xFF7A8AAA)
YUV	136.8640, 16.3360, -13.0357
Hunter-Lab	50.2163, -1.2518, -13.9808

Details

The Hex color **7A8AAA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AA9A7A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AFBFE1**, and **485876** is the 20% darker color. If you saturate the color by 10%, you get **697FAA**, and if you desaturate by 10%, it is **8B95AA**.

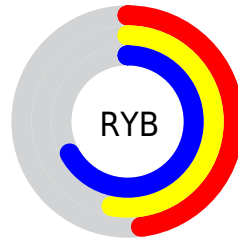
Distribution



Red (48%)

Green (54%)

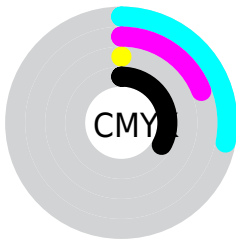
Blue (67%)



Red (48%)

Yellow (53%)

Blue (67%)

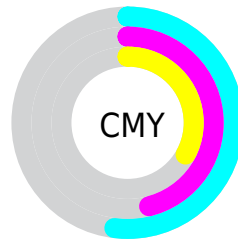


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8AAA 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 7A8AAA by changing the saturation by 10% instead.

■ 7A8AAA

■ 7A8AAA

FFFFFF

■ 61718F

■ AFBFE1

■ 485876

■ CBDBFE

■ 30415D

■ E7F8FF

■ 182B45

■ 00172F

■ 00011A

■ 000000

■ 7A8AAA

■ 7A8AAA

■ 697FAA

■ 8B95AA

■ 5873AA

■ 9CA1AA

■ 4768AA

■ ADACAA

■ 365DAA

■ BEB7AA

■ 2551AA

■ CFC3AA

■ 1446AA

■ E0CEAA

■ 033BAA

■ F1D9AA

■ 0039AA

■ FFE5AA

■ FFF0AA

Harmonies

Analogous

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



668FA7



7A8AAA



9084A4

Triad

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



7A8AAA



AA7F77



6E927B

Complementary

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



7A8AAA



AA9A7A

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.



818E6E



7A8AAA



A2846C

Square

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



7A8AAA



AB7E87



938969



60938C

Rectangle

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



7A8AAA



9C819C



938969



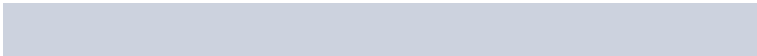
749176

Sweetspot

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



7A8AAA



CCD2DE



7AAA9A



656970



F0F0F0



707070

Same Dimension

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



7A8AAA



92ACDE



827AAA



4C4F54



003194



000714

Inverse Universe

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



AA7A8A



DE92AC



A2AA7A



544C4F



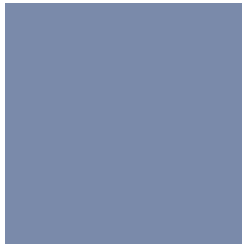
940031



140007

Previews

White Background



This preview shows how the Hex color 7A8AAA looks on a white background.

Color Contrast Check

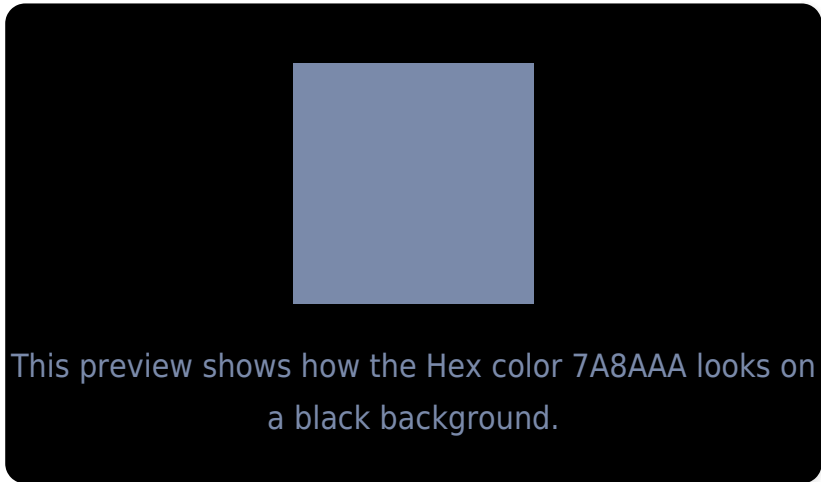
Large Text (above 18pt) WCAG AA ✓ Pass

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

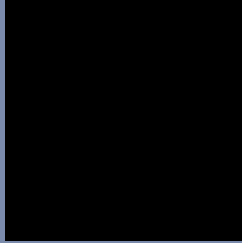
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

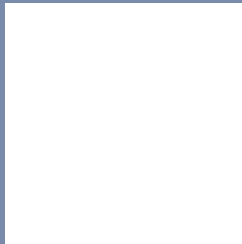
Any Text WCAG AAA × Fail

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

Hex 7A8AAA Background



This preview shows how black text looks on a background with the Hex color 7A8AAA.

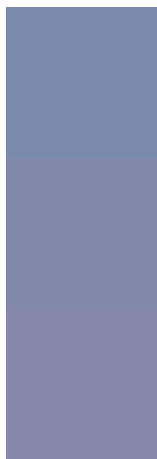


This preview shows how white text looks on a background with the Hex color 7A8AAA.

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

7A8AAA

Protanopia

8288A9

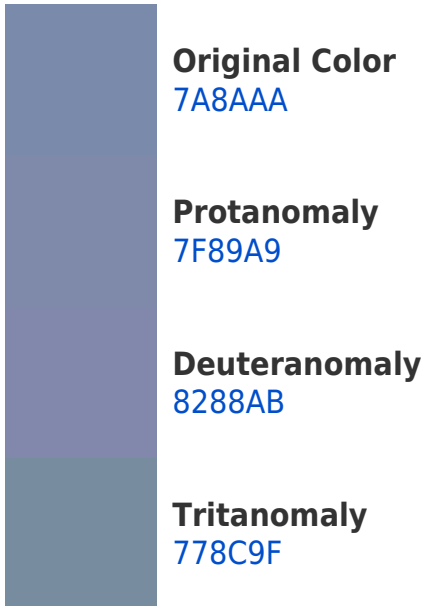
Deuteranopia

8687AB

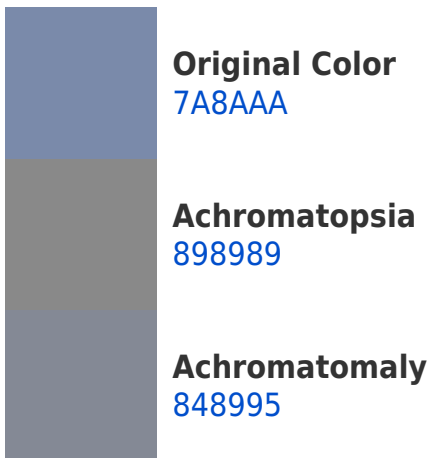


Tritanopia
768D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8AAA 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 #7A8AAA looks like.

```
.text, #text, p{  
    color:#7A8AAA  
}
```

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 #7A8AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8AAA
}
```

Border

The CSS property to change the border of an element to Hex 7A8AAA 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
#7A8AAA }
```

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

```
.border{ border-color:#7A8AAA }
```

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

Here you see how a box with a 4 pixel #7A8AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8AAA; -webkit-box-shadow:4px 4px  
4px 4px #7A8AAA; box-shadow:4px 4px 4px  
4px #7A8AAA }
```

Background

The CSS property to change the background color of an element to Hex 7A8AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8AAA }
```

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

```
.background{ background-color:#7A8AAA }
```

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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