

# Converting Colors

Hex(7799A7)

Have a look what the booklet for  
Hex(7799A7) contains.

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# Color

Hex(7799A7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7799A7
RGB	119, 153, 167
RGB Percent	47%, 60%, 65%
CMY	0.5333, 0.4000, 0.3451
CMYK	0.29, 0.08, 0.00, 0.35
HSL	198°, 21%, 56%
HSV	198°, 29%, 65%
XYZ	25.9740, 29.4944, 40.8832
YIQ	144.4300, -24.7580, -2.8540

# Conversions

## Conversions Part 2

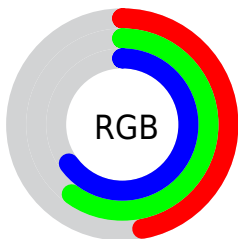
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 139, 167
Decimal	7838119
CIELab	61.22, -8.36, -11.16
CIElCh	61, 13.940, 233.158
Yxy	29.4944, 0.2696, 0.3061
Android (android.graphics.Color)	4286028199 (0xFF7799A7)
YUV	144.4300, 11.1270, -22.3021
Hunter-Lab	54.3088, -9.6699, -6.6169

# Details

The Hex color `7799A7` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `A78577`, and the grayscale version is `909090`.

A 20% lighter version of the original color is `ACCFDE`, and `456673` is the 20% darker color. If you saturate the color by 10%, you get `6694A7`, and if you desaturate by 10%, it is `889EA7`.

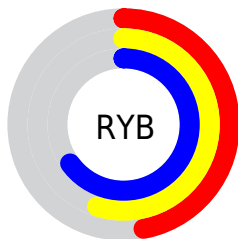
# Distribution



Red (47%)

Green (60%)

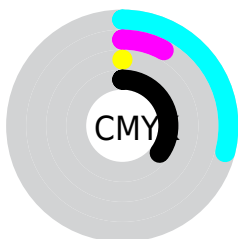
Blue (65%)



Red (47%)

Yellow (55%)

Blue (65%)

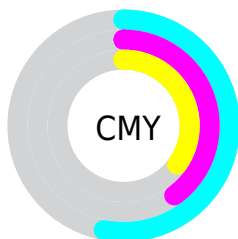


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (40%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7799A7 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 7799A7 by changing the saturation by 10% instead.



■ 7799A7

■ 7799A7

FFFFFF

■ 5D7F8D

■ ACCFDE

■ 456673

■ C8ECFB

■ 2C4E5B

■ E4FFFF

■ 143743

■ 00222D

■ 000A19

■ 000000

■ 7799A7

■ 7799A7

■ 6694A7

■ 889EA7

568FA7

98A3A7

458AA7

A9A8A7

3486A7

BAACA7

2381A7

CAB1A7

137CA7

DBB6A7

0277A7

ECBBA7

0076A7

FDC0A7

FFC5A7

# Harmonies

## Analogous

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



749B9D



7799A7



8396AC

# Triad

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



7799A7



AB8B97



93967D

# Complementary

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



7799A7



A78577

# 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.



A0927C



7799A7



AE8C8B

# Square

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



7799A7



A18EA3



AA8E81



859985

# Rectangle

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



7799A7



8D93AC



AA8E81



98957C



# Sweetspot

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



7799A7



C5D3D9



77A785



626A6E



EDEDED



6E6E6E



# Same Dimension

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



7799A7



8FC3D9



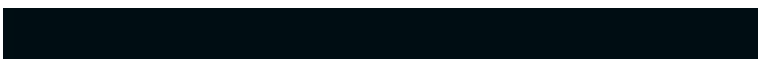
7781A7



4C5254



006994



000E14



# Inverse Universe

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



A77799



D98FC3



A79D77



544C52



940069



14000E



# Previews

## White Background



This preview shows how the Hex color 7799A7 looks on a white background.

## Color Contrast Check

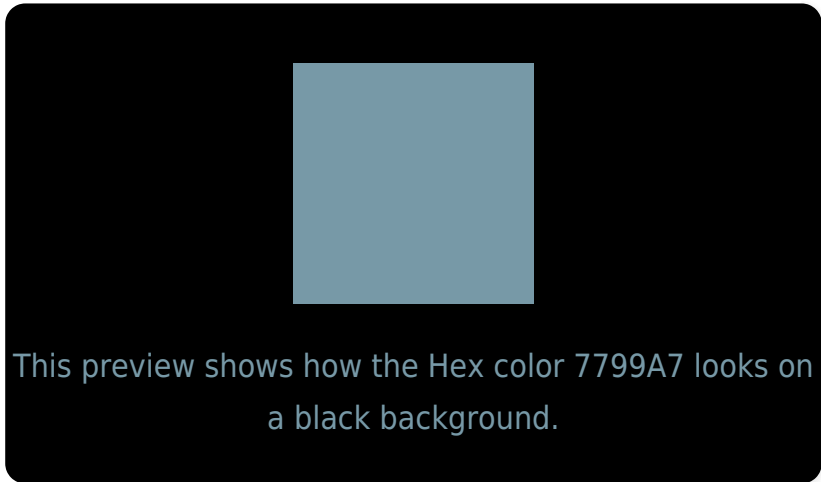
Large Text (above 18pt) WCAG AA ✓ Pass

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

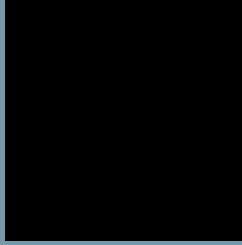
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

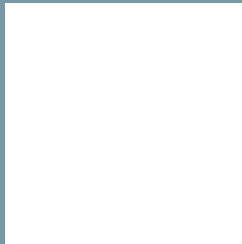
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7799A7 Background



This preview shows how black text looks on a background with the Hex color 7799A7.

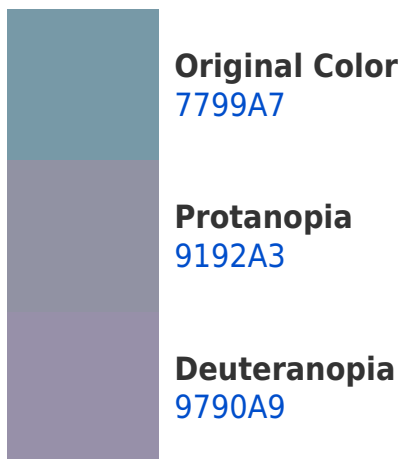


This preview shows how white text looks on a background with the Hex color 7799A7.

# 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](#).

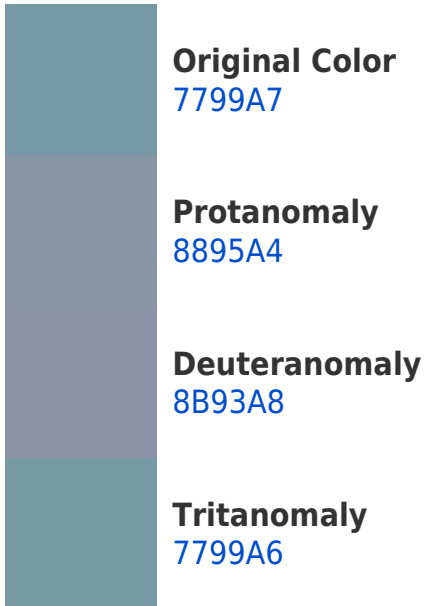
## Dichromacy





**Tritanopia**  
7799A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7799A7 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 #7799A7 looks like.

```
.text, #text, p{  
    color:#7799A7  
}
```

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 #7799A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7799A7
}
```

## Border

The CSS property to change the border of an element to Hex 7799A7 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
#7799A7 }
```

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

```
.border{ border-color:#7799A7 }
```

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

Here you see how a box with a 4 pixel #7799A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7799A7; -webkit-box-shadow:4px 4px  
4px 4px #7799A7; box-shadow:4px 4px 4px  
4px #7799A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7799A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7799A7 }
```

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

```
.background{ background-color:#7799A7 }
```

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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