

# Converting Colors

Hex(7D99A7)

Have a look what the booklet for  
Hex(7D99A7) contains.

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# Color

**Hex(7D99A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D99A7
RGB	125, 153, 167
RGB Percent	49%, 60%, 65%
CMY	0.5098, 0.4000, 0.3451
CMYK	0.25, 0.08, 0.00, 0.35
HSL	200°, 19%, 57%
HSV	200°, 25%, 65%
XYZ	26.8237, 29.9325, 40.9230
YIQ	146.2240, -21.1820, -1.5820

# Conversions

## Conversions Part 2

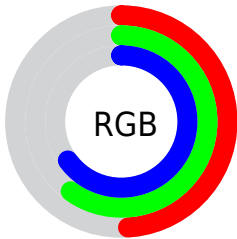
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 142, 167
Decimal	8231335
CIELab	61.60, -6.50, -10.55
CIElCh	62, 12.388, 238.363
Yxy	29.9325, 0.2746, 0.3064
Android (android.graphics.Color)	4286421415 (0xFF7D99A7)
YUV	146.2240, 10.2426, -18.6134
Hunter-Lab	54.7106, -8.2277, -6.0510

# Details

The Hex color **7D99A7** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A78B7D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B2CFDE**, and **4B6673** is the 20% darker color. If you saturate the color by 10%, you get **6C93A7**, and if you desaturate by 10%, it is **8E9FA7**.

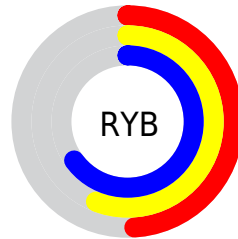
# Distribution



Red (49%)

Green (60%)

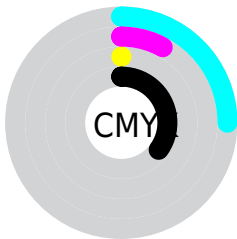
Blue (65%)



Red (49%)

Yellow (56%)

Blue (65%)

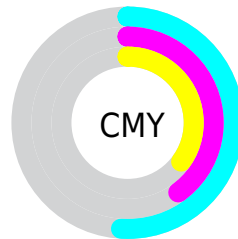


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (40%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D99A7 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 7D99A7 by changing the saturation by 10% instead.



■ 7D99A7

■ 7D99A7

FFFFFF

■ 647F8D

■ B2CFDE

■ 4B6673

■ CEECFB

■ 334E5B

■ EBFFFF

■ 1C3743

■ 03222D

■ 000C19

■ 000000

■ 7D99A7

■ 7D99A7

■ 6C93A7

■ 8E9FA7

5C8EA7

9EA4A7

4B88A7

AFAAA7

3A83A7

C0AFA7

297DA7

D0B5A7

1978A7

E1BAA7

0872A7

F2C0A7

006FA7

FFC6A7

FFCBA7

# Harmonies

## Analogous

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



799B9F



7D99A7



8896AA

# Triad

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



7D99A7



AA8D96



929781

# Complementary

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



7D99A7



A78B7D

# 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.



9E947F



7D99A7



AC8E8B

# Square

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



7D99A7



A38FA0



A89082



869A89

# Rectangle

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



7D99A7



9193A9



A89082



969680



# Sweetspot

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



7D99A7



C7D3D9



7DA78B



636A6E



EDEDED



6E6E6E



# Same Dimension

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



7D99A7



98C3D9



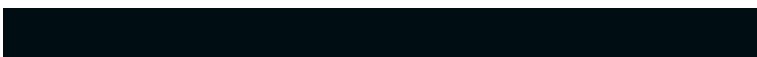
7D84A7



4C5154



006394



000E14



# Inverse Universe

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



A77D99



D998C3



A7A07D



544C51



940063



14000E



# Previews

## White Background



This preview shows how the Hex color 7D99A7 looks on a white background.

## Color Contrast Check

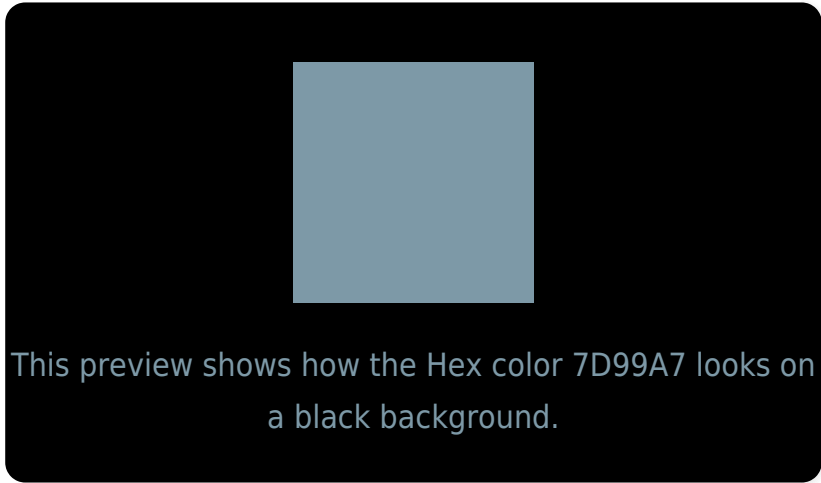
Large Text (above 18pt) WCAG AA ✓ Pass

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

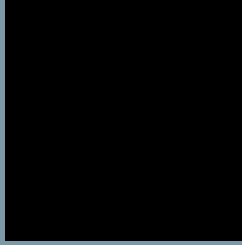
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

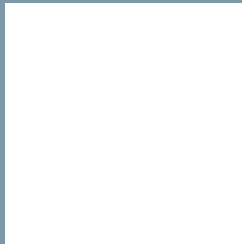
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D99A7 Background



This preview shows how black text looks on a background with the Hex color 7D99A7.

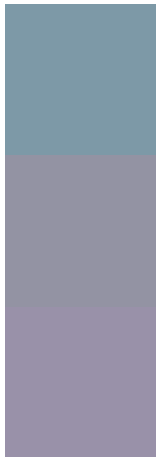


This preview shows how white text looks on a background with the Hex color 7D99A7.

# 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**  
7D99A7

**Protanopia**  
9393A3

**Deuteranopia**  
9991A9



**Tritanopia**  
7D99A5

# Trichromacy



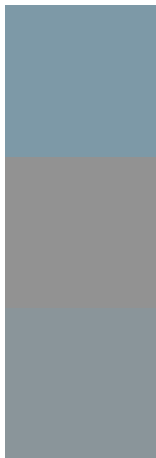
**Original Color**  
7D99A7

**Protanomaly**  
8B95A4

**Deuteranomaly**  
8F94A8

**Tritanomaly**  
7D99A6

# Monochromacy



**Original Color**  
7D99A7

**Achromatopsia**  
929292

**Achromatomaly**  
8A959A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D99A7 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 #7D99A7 looks like.

```
.text, #text, p{  
    color:#7D99A7  
}
```

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 #7D99A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D99A7
}
```

## Border

The CSS property to change the border of an element to Hex 7D99A7 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
#7D99A7 }
```

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

```
.border{ border-color:#7D99A7 }
```

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

Here you see how a box with a 4 pixel #7D99A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D99A7; -webkit-box-shadow:4px 4px  
4px 4px #7D99A7; box-shadow:4px 4px 4px  
4px #7D99A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7D99A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D99A7 }
```

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

```
.background{ background-color:#7D99A7 }
```

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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