

# Converting Colors

Hex(799987)

Have a look what the booklet for  
Hex(799987) contains.

<b>Hex(799987)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(799987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	799987
RGB	121, 153, 135
RGB Percent	47%, 60%, 53%
CMY	0.5255, 0.4000, 0.4706
CMYK	0.21, 0.00, 0.12, 0.40
HSL	146°, 14%, 54%
HSV	146°, 21%, 60%
XYZ	23.6496, 28.5967, 27.1949
YIQ	141.3800, -13.2940, -12.3820

# Conversions

## Conversions Part 2

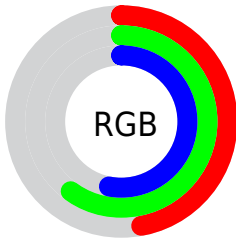
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 143, 153
Decimal	7969159
CIELab	60.42, -14.93, 5.81
CIELCh	60, 16.022, 158.726
Yxy	28.5967, 0.2977, 0.3600
Android (android.graphics.Color)	4286159239 (0xFF799987)
YUV	141.3800, -3.1453, -17.8733
Hunter-Lab	53.4759, -14.6416, 7.2814

# Details

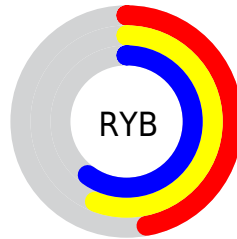
The Hex color **799987** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **99798B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AECFBC**, and **486655** is the 20% darker color. If you saturate the color by 10%, you get **6A997E**, and if you desaturate by 10%, it is **889990**.

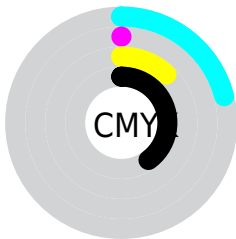
# Distribution



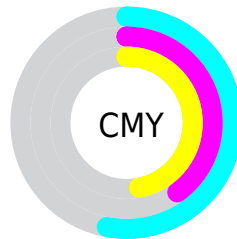
- Red (47%)
- Green (60%)
- Blue (53%)



- Red (47%)
- Yellow (56%)
- Blue (60%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799987 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 799987 by changing the saturation by 10% instead.



 799987

 799987

FFFFFF

 607F6E

 AECFBC

 486655

 C9ECD8


 314E3E

 E6FFF4

 1A3728

 042114

 000300

 000000

 799987

 799987

 6A997E

 889990

 5A9976

 989998

 4B996D

 A799A1

 3C9965

 B699A9

 2D995C

 C699B2

 1D9953

 D599BB

 0E994B

 E499C3

 009943

 F399CC

 FF99D4

# Harmonies

## Analogous

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



88967B



799987



6E9A95

# Triad

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



799987



8792AD



AE8981

# Complementary

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



799987



99798B

# 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.



AF888E



799987



998DA8

# Square

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



799987



7696AC



A8899C



A68D78

# Rectangle

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



799987



6C999F



A8899C



AF8985



# Sweetspot

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



799987



BBC7C0



8B9979



5C6360



E3E3E3



636363



# Same Dimension

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



799987



95C7AB



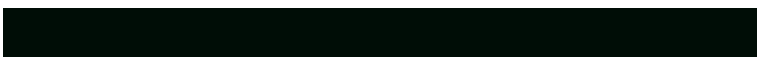
799997



454D48



008C3D



000D06



# Inverse Universe

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



99798B



C795B1



99797B



4D4549



8C004F



0D0007



# Previews

## White Background



This preview shows how the Hex color 799987 looks on a white background.

## Color Contrast Check

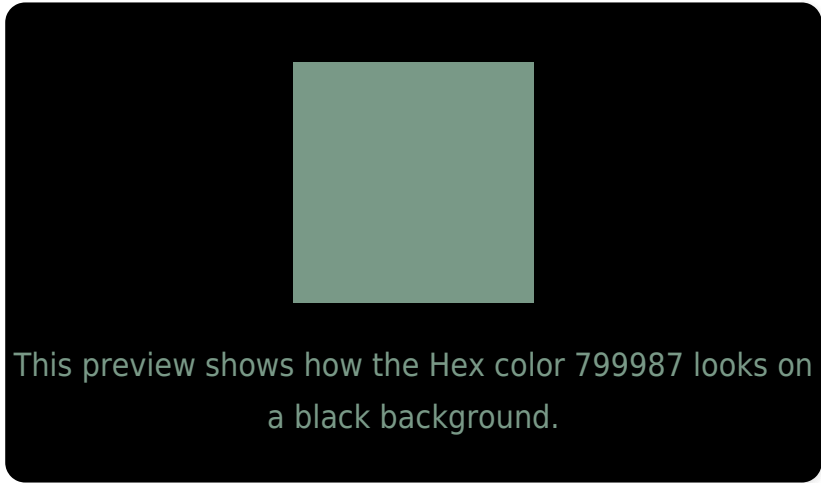
Large Text (above 18pt) WCAG AA ✓ Pass

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

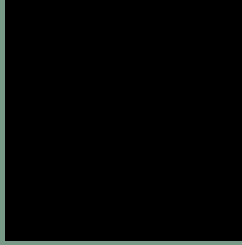
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

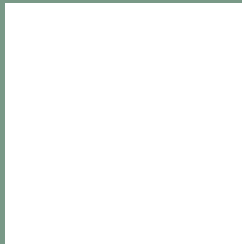
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 799987 Background



This preview shows how black text looks on a background with the Hex color 799987.

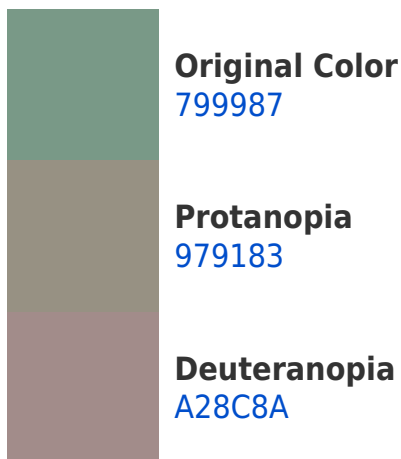


This preview shows how white text looks on a background with the Hex color 799987.

# 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**  
7E95A1

# Trichromacy



**Original Color**  
799987

**Protanomaly**  
8C9484

**Deuteranomaly**  
939189

**Tritanomaly**  
7C9698

# Monochromacy



**Original Color**  
799987

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
86918B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799987 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 #799987 looks like.

```
.text, #text, p{  
    color:#799987  
}
```

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 #799987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799987
}
```

## Border

The CSS property to change the border of an element to Hex 799987 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
#799987 }
```

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

```
.border{ border-color:#799987 }
```

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

Here you see how a box with a 4 pixel #799987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799987; -webkit-box-shadow:4px 4px  
4px 4px #799987; box-shadow:4px 4px 4px  
4px #799987 }
```

# Background

The CSS property to change the background color of an element to Hex 799987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799987 }
```

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

```
.background{ background-color:#799987 }
```

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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