

# Converting Colors

Hex(799684)

Have a look what the booklet for  
Hex(799684) contains.

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# Color

**Hex(799684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	799684
RGB	121, 150, 132
RGB Percent	47%, 59%, 52%
CMY	0.5255, 0.4118, 0.4824
CMYK	0.19, 0.00, 0.12, 0.41
HSL	143°, 12%, 53%
HSV	143°, 19%, 59%
XYZ	22.9564, 27.5436, 25.9363
YIQ	139.2770, -11.5060, -11.7460

# Conversions

## Conversions Part 2

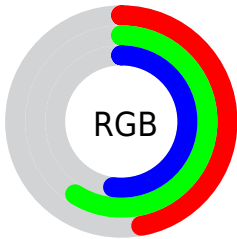
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 142, 150
Decimal	7968388
CIELab	59.47, -13.94, 6.15
CIElCh	59, 15.235, 156.194
Yxy	27.5436, 0.3003, 0.3603
Android (android.graphics.Color)	4286158468 (0xFF799684)
YUV	139.2770, -3.5876, -16.0289
Hunter-Lab	52.4820, -13.7650, 7.4366

# Details

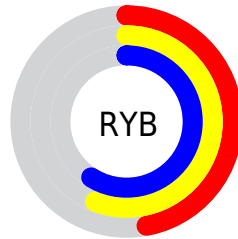
The Hex color **799684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96798B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AECCB9**, and **486353** is the 20% darker color. If you saturate the color by 10%, you get **6A967B**, and if you desaturate by 10%, it is **88968D**.

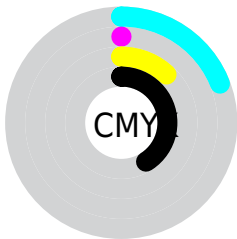
# Distribution



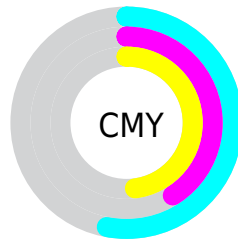
- Red (47%)
- Green (59%)
- Blue (52%)



- Red (47%)
- Yellow (56%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799684 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 799684 by changing the saturation by 10% instead.





799684



799684

FFFFFF



607C6B



AECCB9



486353



C9E8D5



314B3C



E5FFF1



1B3426



051F11



000000



799684



799684



6A967B



88968D



5B9671



979697

■ 4C9668

■ A696A0

■ 3D965F

■ B596A9

■ 2E9655

■ C496B3

■ 1F964C

■ D396BC

■ 109643

■ E296C5

■ 01963A

■ F196CE

■ 009639

■ FF96D8

# Harmonies

## Analogous

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



889379



799684



6E9792

# Triad

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



799684



848FAA



AA8780

# Complementary

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



799684



96798B

# 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.



AB868D



799684



958BA5

# Square

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



799684



7494A7



A3879A



A38B77

# Rectangle

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



799684



6C979A



A3879A



AB8684



# Sweetspot

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



799684



B6C2BB



8B9679



5A615D



E0E0E0



616161



# Same Dimension

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



799684



95C2A6



799692



434A45



008A34



000A04



# Inverse Universe

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



96798B



C295B1



96797D



4A4347



8A0055



0A0006



# Previews

## White Background



This preview shows how the Hex color 799684 looks on a white background.

## Color Contrast Check

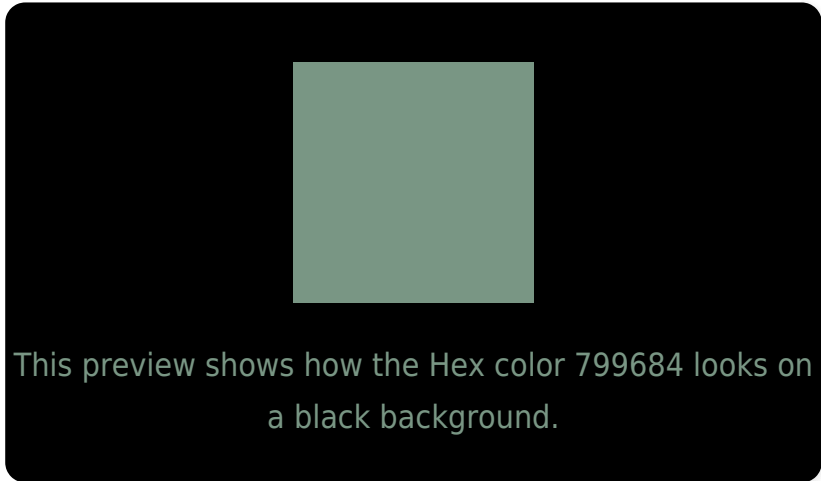
Large Text (above 18pt) WCAG AA ✓ Pass

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

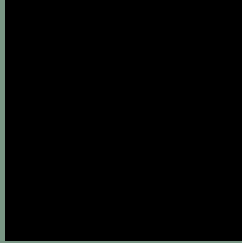
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

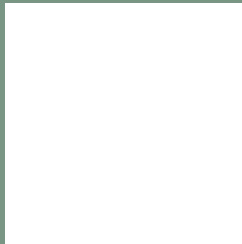
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 799684 Background



This preview shows how black text looks on a background with the Hex color 799684.

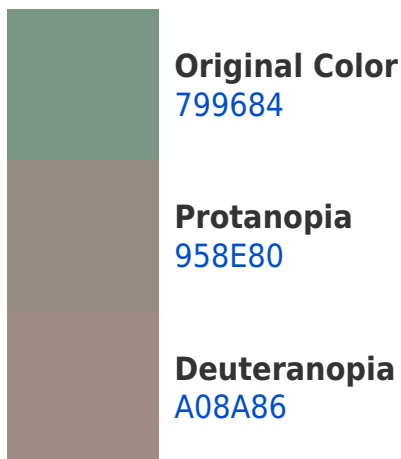


This preview shows how white text looks on a background with the Hex color 799684.

# 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**  
7E929E

# Trichromacy



**Original Color**  
799684

**Protanomaly**  
8B9181

**Deuteranomaly**  
928E85

**Tritanomaly**  
7C9395

# Monochromacy



**Original Color**  
799684

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
848F88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799684 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 #799684 looks like.

```
.text, #text, p{  
    color:#799684  
}
```

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 #799684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799684  
}
```

## Border

The CSS property to change the border of an element to Hex 799684 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  
#799684 }
```

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

```
.border{ border-color:#799684 }
```

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

Here you see how a box with a 4 pixel #799684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799684; -webkit-box-shadow:4px 4px  
4px 4px #799684; box-shadow:4px 4px 4px  
4px #799684 }
```

# Background

The CSS property to change the background color of an element to Hex 799684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799684 }
```

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

```
.background{ background-color:#799684 }
```

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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