

# Converting Colors

Hex(798585)

Have a look what the booklet for  
Hex(798585) contains.

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# Color

**Hex(798585)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	798585
RGB	121, 133, 133
RGB Percent	47%, 52%, 52%
CMY	0.5255, 0.4784, 0.4784
CMYK	0.09, 0.00, 0.00, 0.48
HSL	180°, 5%, 50%
HSV	180°, 9%, 52%
XYZ	20.5063, 22.5335, 25.4589
YIQ	129.4120, -7.1520, -2.5440

# Conversions

## Conversions Part 2

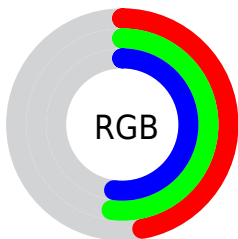
Format	Color
R <sub>Y</sub> B	121, 127, 133
Decimal	7964037
CIE Lab	54.59, -4.38, -1.51
CIE LCh	55, 4.630, 199.019
Yxy	22.5335, 0.2994, 0.3290
Android (android.graphics.Color)	4286154117 (0xFF798585)
YUV	129.4120, 1.7689, -7.3773
Hunter-Lab	47.4694, -5.9612, 1.4301

# Details

The Hex color **798585** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **857979**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ADBABA**, and **485454** is the 20% darker color. If you saturate the color by 10%, you get **6C8585**, and if you desaturate by 10%, it is **868585**.

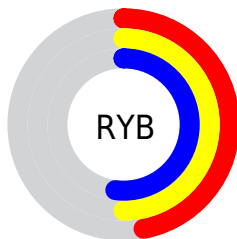
# Distribution



Red (47%)

Green (52%)

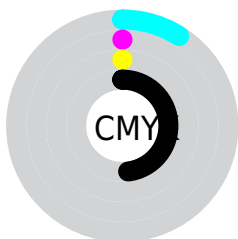
Blue (52%)



Red (47%)

Yellow (50%)

Blue (52%)

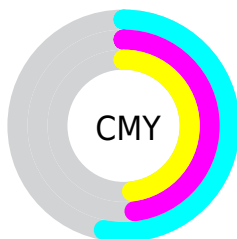


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (48%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 798585 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 798585 by changing the saturation by 10% instead.



■ 798585

■ 798585

FFFFFF

■ 606C6C

■ ADBABA

■ 485454

■ C9D6D6

■ 323C3D

■ E5F2F2

■ 1D2727

■ 041212

■ 000000

■ 798585

■ 798585

■ 6C8585

■ 868585

■ 5E8585

■ 948585

518585

A18585

448585

AE8585

368585

BB8585

298585

C98585

1C8585

D68585

0F8585

E38585

018585

F18585

# Harmonies

## Analogous

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



7B8581



798585



7A8488

# Triad

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



798585



868188



88827B

# Complementary

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



798585



857979

# 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.



8B817D



798585



8A8084

# Square

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



798585



82828A



8C8080



83837B

# Rectangle

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



798585



7C848A



8C8080



89817B



# Sweetspot

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



798585



A8ADAD



798579



535757



D6D6D6



575757



# Same Dimension

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



798585



9AADAD



797F85



3C4242



008282



000303



# Inverse Universe

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



857985



AD9AAD



857F79



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 798585 looks on a white background.

## Color Contrast Check

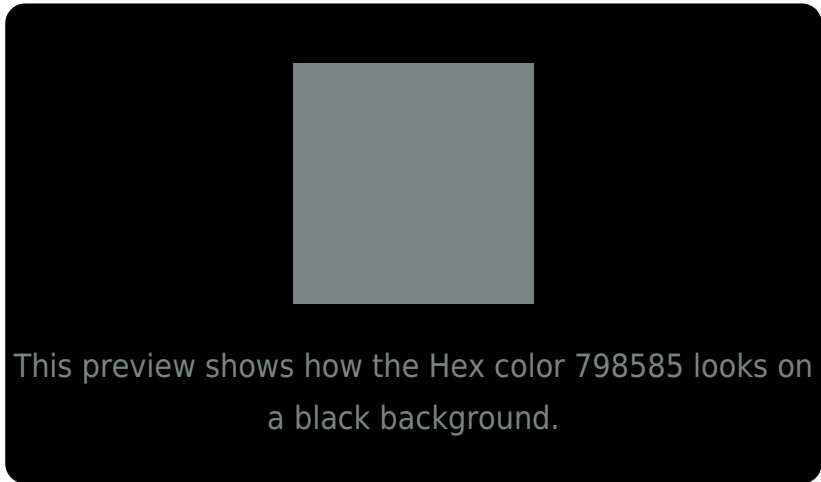
Large Text (above 18pt) WCAG AA ✓ Pass

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

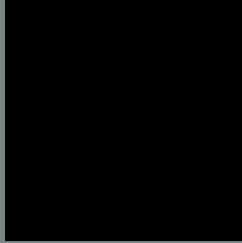
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

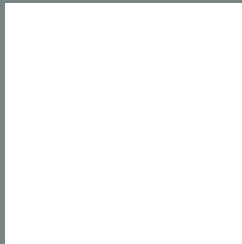
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 798585 Background



This preview shows how black text looks on a background with the Hex color 798585.



This preview shows how white text looks on a background with the Hex color 798585.

# 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**  
798585

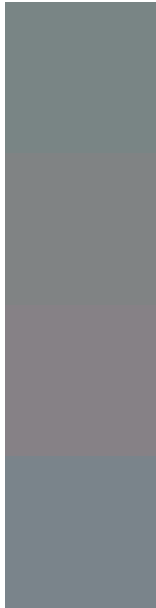
**Protanopia**  
848283

**Deuteranopia**  
8D7E86



**Tritanopia**  
7B848E

# Trichromacy



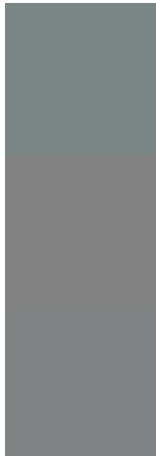
**Original Color**  
798585

**Protanomaly**  
808384

**Deuteranomaly**  
868186

**Tritanomaly**  
7A848B

# Monochromacy



**Original Color**  
798585

**Achromatopsia**  
818181

**Achromatomaly**  
7E8282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 798585 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 #798585 looks like.

```
.text, #text, p{  
    color:#798585  
}
```

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 #798585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798585
}
```

## Border

The CSS property to change the border of an element to Hex 798585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

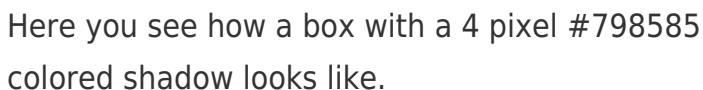
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#798585 }
```

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

```
.border{ border-color:#798585 }
```

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



Here you see how a box with a 4 pixel #798585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798585; -webkit-box-shadow:4px 4px  
4px 4px #798585; box-shadow:4px 4px 4px  
4px #798585 }
```

# Background

The CSS property to change the background color of an element to Hex 798585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798585 }
```

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

```
.background{ background-color:#798585 }
```

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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