

# Converting Colors

Hex(798184)

Have a look what the booklet for  
Hex(798184) contains.

<b>Hex(798184)</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(798184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	798184
RGB	121, 129, 132
RGB Percent	47%, 51%, 52%
CMY	0.5255, 0.4941, 0.4824
CMYK	0.08, 0.02, 0.00, 0.48
HSL	196°, 4%, 50%
HSV	196°, 8%, 52%
XYZ	19.9003, 21.4314, 24.9176
YIQ	126.9500, -5.7310, -0.7630

# Conversions

## Conversions Part 2

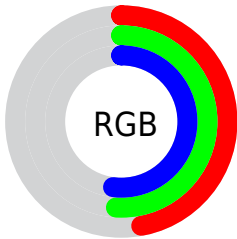
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 126, 132
Decimal	7963012
CIE Lab	53.42, -2.32, -2.65
CIE LCh	53, 3.518, 228.793
Yxy	21.4314, 0.3004, 0.3235
Android (android.graphics.Color)	4286153092 (0xFF798184)
YUV	126.9500, 2.4896, -5.2182
Hunter-Lab	46.2941, -4.2834, 0.4932

# Details

The Hex color **798184** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **847C79**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ADB6B9**, and **485053** is the 20% darker color. If you saturate the color by 10%, you get **6C7D84**, and if you desaturate by 10%, it is **868584**.

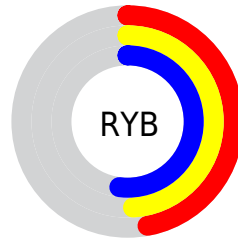
# Distribution



Red (47%)

Green (51%)

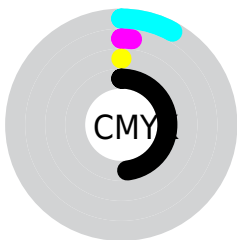
Blue (52%)



Red (47%)

Yellow (49%)

Blue (52%)

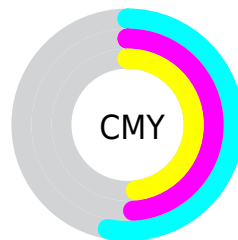


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (49%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 798184 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 798184 by changing the saturation by 10% instead.



■ 798184

■ 798184

FFFFFF

■ 60686B

■ ADB6B9

■ 485053

■ C9D1D5

■ 32393C

■ E5EEF1

■ 1D2426

■ 030E11

■ 000000

■ 798184

■ 798184

■ 6C7D84

■ 868584

■ 5F7A84

■ 938884

■ 517684

■ A18C84

■ 447384

■ AE8F84

■ 376F84

■ BB9384

■ 2A6B84

■ C89784

■ 1D6884

■ D59A84

■ 0F6484

■ E39E84

■ 026184

■ F0A184

# Harmonies

## Analogous

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



788181



798184



7B8085

# Triad

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



798184



857E81



80807A

# Complementary

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



798184



847C79

# 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.



837F7A



798184



867E7E

# Square

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



798184



837E84



867E7B



7D817C

# Rectangle

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



798184



7E8085



867E7B



81807A



# Sweetspot

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



798184



A6A9AB



79847C



535657



D6D6D6



575757



# Same Dimension

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



798184



9AA6AB



797C84



3C4042



005F82



000203



# Inverse Universe

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



847981



AB9AA6



848179



423C40



82005F



030002



# Previews

## White Background



This preview shows how the Hex color 798184 looks on a white background.

## Color Contrast Check

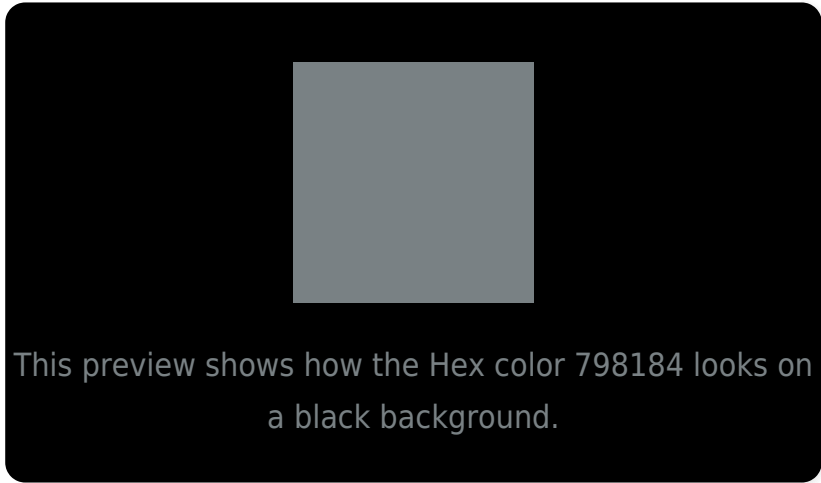
Large Text (above 18pt) WCAG AA ✓ Pass

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

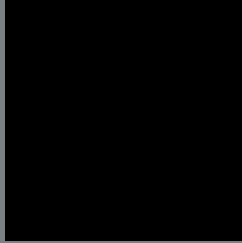
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

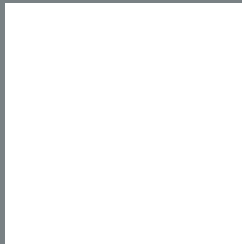
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 798184 Background



This preview shows how black text looks on a background with the Hex color 798184.



This preview shows how white text looks on a background with the Hex color 798184.

# 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](#).

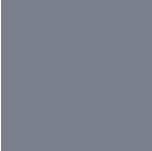
## Dichromacy



**Original Color**  
798184

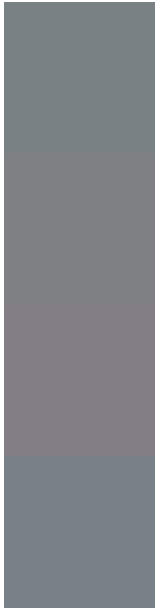
**Protanopia**  
817F83

**Deuteranopia**  
897C85



**Tritanopia**  
7A808A

# Trichromacy



**Original Color**

798184

**Protanomaly**

7E8083

**Deuteranomaly**

837E85

**Tritanomaly**

7A8088

# Monochromacy



**Original Color**

798184

**Achromatopsia**

7F7F7F

**Achromatomaly**

7D8081

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 798184 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 #798184 looks like.

```
.text, #text, p{  
    color:#798184  
}
```

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 #798184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798184
}
```

## Border

The CSS property to change the border of an element to Hex 798184 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
#798184 }
```

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

```
.border{ border-color:#798184 }
```

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

Here you see how a box with a 4 pixel #798184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798184; -webkit-box-shadow:4px 4px  
4px 4px #798184; box-shadow:4px 4px 4px  
4px #798184 }
```

# Background

The CSS property to change the background color of an element to Hex 798184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798184 }
```

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

```
.background{ background-color:#798184 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor