

# Converting Colors

Hex(7F7E78)

Have a look what the booklet for  
Hex(7F7E78) contains.

<b>Hex(7F7E78)</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(7F7E78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7E78
RGB	127, 126, 120
RGB Percent	50%, 49%, 47%
CMY	0.5020, 0.5059, 0.5294
CMYK	0.00, 0.01, 0.06, 0.50
HSL	51°, 3%, 48%
HSV	51°, 6%, 50%
XYZ	19.6034, 20.7898, 20.7489
YIQ	125.6150, 2.5220, -1.6540

# Conversions

## Conversions Part 2

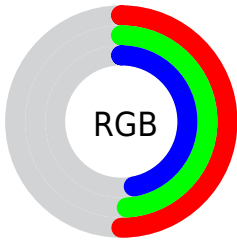
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 127, 120
Decimal	8355448
CIE <sub>Lab</sub>	52.72, -0.78, 3.39
CIE <sub>LCh</sub>	53, 3.479, 103.038
Yxy	20.7898, 0.3206, 0.3400
Android (android.graphics.Color)	4286545528 (0xFF7F7E78)
YUV	125.6150, -2.7682, 1.2146
Hunter-Lab	45.5958, -3.0486, 4.9365

# Details

The Hex color **7F7E78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78797F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B4B3AC**, and **4E4D48** is the 20% darker color. If you saturate the color by 10%, you get **7F7C6B**, and if you desaturate by 10%, it is **7F8085**.

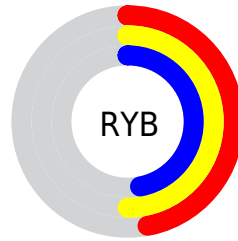
# Distribution



Red (50%)

Green (49%)

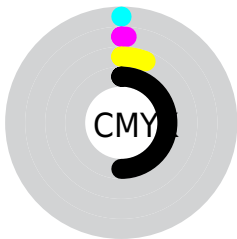
Blue (47%)



Red (47%)

Yellow (50%)

Blue (47%)

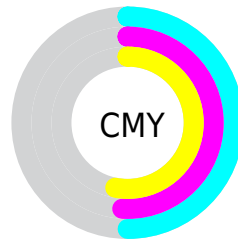


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7E78 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 7F7E78 by changing the saturation by 10% instead.



■ 7F7E78

■ 7F7E78

FFFFFF

■ 66655F

■ B4B3AC

■ 4E4D48

■ CFCEC8

■ 373631

■ EBEAE4

■ 22211C

■ 0C0A02

■ 000000

■ 7F7E78

■ 7F7E78

■ 7F7C6B

■ 7F8085

■ 7F7A5F

■ 7F8291

 7F7952

 7F839E

 7F7745

 7F85AB

 7F7539

 7F87B8

 7F732C

 7F89C4

 7F711F

 7F8BD1

 7F6F12

 7F8DDE

 7F6E06

 7F8EEA

# Harmonies

## Analogous

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



827D78



7F7E78



7B7F79

# Triad

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



7F7E78



777F82



837C80

# Complementary

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



7F7E78



78797F

# 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.



807D82



7F7E78



797F83

# Square

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



7F7E78



77807F



7C7E84



847C7D

# Rectangle

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



7F7E78



797F7B



7C7E84



827C81



# Sweetspot

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



7F7E78



A6A5A2



7F7879



545452



D4D4D4



545454



# Same Dimension

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



7F7E78



A6A49A



7D7F78



403F3B



806D00



000000



# Inverse Universe

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



78797F



9A9CA6



7A787F



3B3B40



001280



000000



# Previews

## White Background



This preview shows how the Hex color 7F7E78 looks on a white background.

## Color Contrast Check

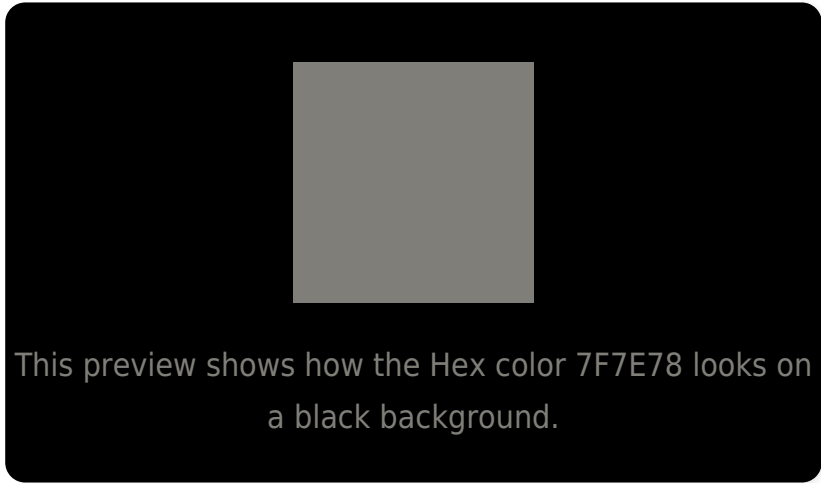
Large Text (above 18pt) WCAG AA ✓ Pass

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

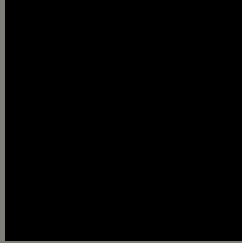
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

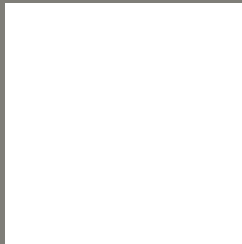
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F7E78 Background



This preview shows how black text looks on a background with the Hex color 7F7E78.



This preview shows how white text looks on a background with the Hex color 7F7E78.

# 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**  
7F7E78

**Protanopia**  
817D78

**Deuteranopia**  
8C7A79



**Tritanopia**  
817C86

# Trichromacy



**Original Color**

7F7E78

**Protanomaly**

807D78

**Deuteranomaly**

877B79

**Tritanomaly**

807D81

# Monochromacy



**Original Color**

7F7E78

**Achromatopsia**

7E7E7E

**Achromatomaly**

7E7E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7E78 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 #7F7E78 looks like.

```
.text, #text, p{  
    color:#7F7E78  
}
```

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 #7F7E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7E78
}
```

## Border

The CSS property to change the border of an element to Hex 7F7E78 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
#7F7E78 }
```

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

```
.border{ border-color:#7F7E78 }
```

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

Here you see how a box with a 4 pixel #7F7E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7E78; -webkit-box-shadow:4px 4px  
4px 4px #7F7E78; box-shadow:4px 4px 4px  
4px #7F7E78 }
```

# Background

The CSS property to change the background color of an element to Hex 7F7E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7E78 }
```

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

```
.background{ background-color:#7F7E78 }
```

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