

Converting Colors

Hex(7F7A78)

Have a look what the booklet for
Hex(7F7A78) contains.

Hex(7F7A78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F7A78)

Conversions

Conversions Part 1

Format	Color
Hex	7F7A78
RGB	127, 122, 120
RGB Percent	50%, 48%, 47%
CMY	0.5020, 0.5216, 0.5294
CMYK	0.00, 0.04, 0.06, 0.50
HSL	17°, 3%, 48%
HSV	17°, 6%, 50%
XYZ	19.1021, 19.7872, 20.5818
YIQ	123.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

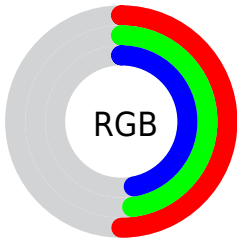
Format	Color
R_{YB}	127, 123, 120
Decimal	8354424
CIE Lab	51.60, 1.52, 1.76
CIE LCh	52, 2.325, 49.318
Yxy	19.7872, 0.3212, 0.3327
Android (android.graphics.Color)	4286544504 (0xFF7F7A78)
YUV	123.2670, -1.6106, 3.2738
Hunter-Lab	44.4828, -1.1921, 3.7049

Details

The Hex color **7F7A78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787D7F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B4AEAC**, and **4E4948** is the 20% darker color. If you saturate the color by 10%, you get **7F716B**, and if you desaturate by 10%, it is **7F8385**.

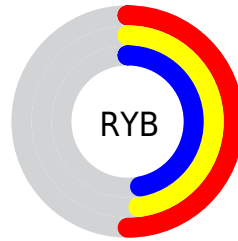
Distribution



Red (50%)

Green (48%)

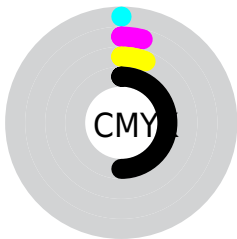
Blue (47%)



Red (50%)

Yellow (48%)

Blue (47%)

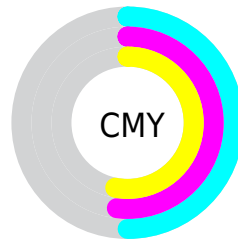


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7A78 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 7F7A78 by changing the saturation by 10% instead.

■ 7F7A78

■ 7F7A78

FFFFFF

■ 66615F

■ B4AEAC

■ 4E4948

■ CFCAC8

■ 373331

■ EBE6E4

■ 221E1C

■ 0C0402

■ 000000

■ 7F7A78

■ 7F7A78

■ 7F716B

■ 7F8385

■ 7F685F

■ 7F8C91

 7F5F52

 7F959E

 7F5645

 7F9EAB

 7F4D39

 7FA7B8

 7F442C

 7FB0C4

 7F3B1F

 7FB9D1

 7F3112

 7FC3DE

 7F2806

 7FCCEA

Harmonies

Analogous

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



7F7A7A



7F7A78



7D7B77

Triad

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



7F7A78



777C7A



7B7B7F

Complementary

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



7F7A78



787D7F

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.



787B7F



7F7A78



767C7C

Square

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



7F7A78



797C78



777C7E



7D7A7E

Rectangle

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



7F7A78



7C7B77



777C7E



7A7B7F

Sweetspot

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



7F7A78



A6A3A2



7F787D



545352



D4D4D4



545454

Same Dimension

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



7F7A78



A69D9A



7F7D78



403C3B



802400



000000

Inverse Universe

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



787D7F



9AA2A6



787A7F



3B3E40



005B80



000000

Previews

White Background



This preview shows how the Hex color 7F7A78 looks on a white background.

Color Contrast Check

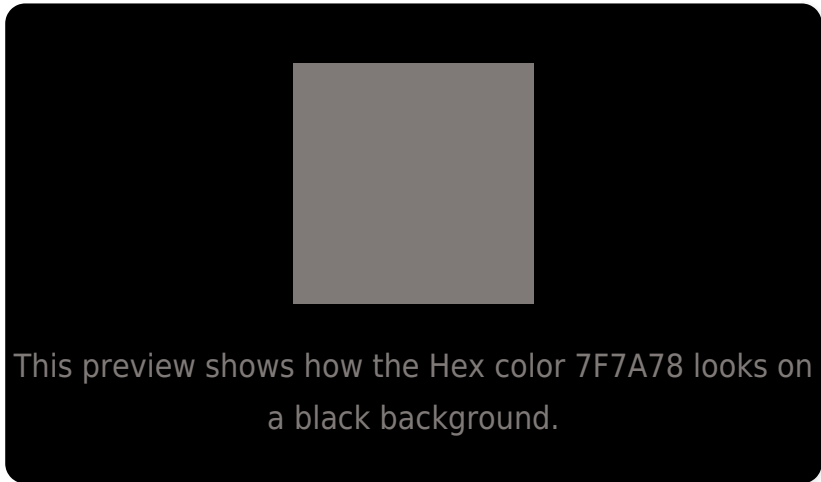
Large Text (above 18pt) WCAG AA ✓ Pass

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

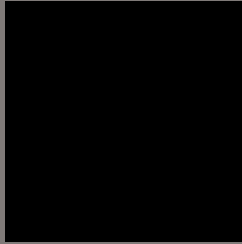
Any Text WCAG AA ✓ Pass

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 7F7A78 Background



This preview shows how black text looks on a background with the Hex color 7F7A78.



This preview shows how white text looks on a background with the Hex color 7F7A78.

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
7F7A78

Protanopia
7E7A78

Deuteranopia
887779



Tritanopia
807882

Trichromacy



Original Color

7F7A78

Protanomaly

7E7A78

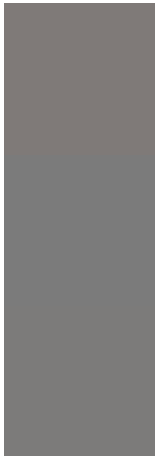
Deuteranomaly

857879

Tritanomaly

80797E

Monochromacy



Original Color

7F7A78

Achromatopsia

7B7B7B

Achromatomaly

7C7B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7A78 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 #7F7A78 looks like.

```
.text, #text, p{  
    color:#7F7A78  
}
```

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 #7F7A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7A78
}
```

Border

The CSS property to change the border of an element to Hex 7F7A78 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
#7F7A78 }
```

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

```
.border{ border-color:#7F7A78 }
```

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

Here you see how a box with a 4 pixel #7F7A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7A78; -webkit-box-shadow:4px 4px  
4px 4px #7F7A78; box-shadow:4px 4px 4px  
4px #7F7A78 }
```

Background

The CSS property to change the background color of an element to Hex 7F7A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7A78 }
```

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

```
.background{ background-color:#7F7A78 }
```

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