

Converting Colors

Hex(7D777A)

Have a look what the booklet for
Hex(7D777A) contains.

Hex(7D777A)	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(7D777A)

Conversions

Conversions Part 1

Format	Color
Hex	7D777A
RGB	125, 119, 122
RGB Percent	49%, 47%, 48%
CMY	0.5098, 0.5333, 0.5216
CMYK	0.00, 0.05, 0.02, 0.51
HSL	330°, 2%, 48%
HSV	330°, 5%, 49%
XYZ	18.5671, 18.9588, 21.0932
YIQ	121.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

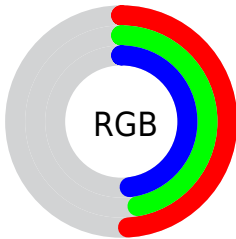
Format	Color
R_{YB}	125, 119, 122
Decimal	8222586
CIE Lab	50.64, 2.88, -0.83
CIE LCh	51, 2.997, 343.931
Yxy	18.9588, 0.3167, 0.3234
Android (android.graphics.Color)	4286412666 (0xFF7D777A)
YUV	121.1360, 0.4260, 3.3887
Hunter-Lab	43.5417, -0.0816, 1.7569

Details

The Hex color **7D777A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777D7A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B2ABAE**, and **4C4749** is the 20% darker color. If you saturate the color by 10%, you get **7D6B74**, and if you desaturate by 10%, it is **7D8480**.

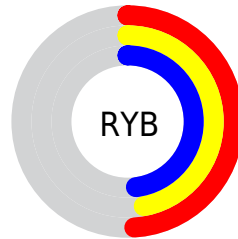
Distribution



Red (49%)

Green (47%)

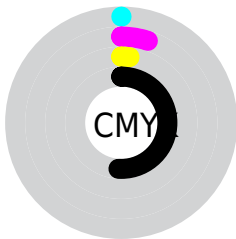
Blue (48%)



Red (49%)

Yellow (47%)

Blue (48%)

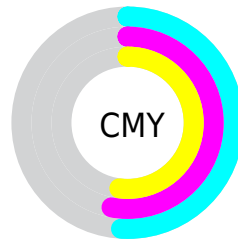


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D777A 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 7D777A by changing the saturation by 10% instead.



7D777A



7D777A

FFFFFF



645E61



B2ABAE



4C4749



CDC6CA



353033



E9E2E6



201B1E



090004



000000



7D777A



7D777A



7D6B74



7D8480



7D5E6E



7D9086

 7D5267

 7D9C8D

 7D4561

 7DA993

 7D395B

 7DB599

 7D2C55

 7DC29F

 7D1F4E

 7DCFA6

 7D1348

 7DDBAC

 7D0742

 7DE7B2

Harmonies

Analogous

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



7B787C



7D777A



7E7777

Triad

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



7D777A



797974



737A7C

Complementary

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



7D777A



777D7A

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.



737A7A



7D777A



767975

Square

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



7D777A



7C7874



747A77



75797D

Rectangle

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



7D777A



7E7776



747A77



737A7B

Sweetspot

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



7D777A



A3A2A2



7A777D



525151



D1D1D1



525252

Same Dimension

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



7D777A



A3999E



7D7777



403B3E



800040



000000

Inverse Universe

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



7D777A



A3999E



777D7D



403B3E



800040



000000

Previews

White Background



This preview shows how the Hex color 7D777A looks on a white background.

Color Contrast Check

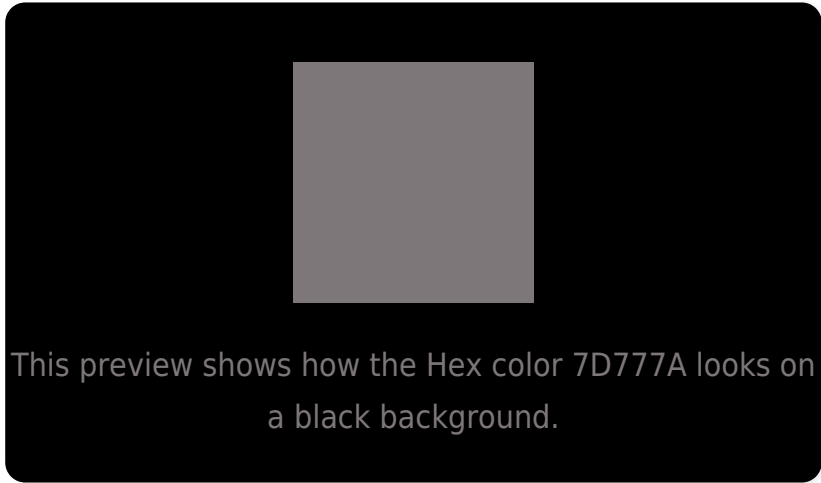
Large Text (above 18pt) WCAG AA ✓ Pass

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

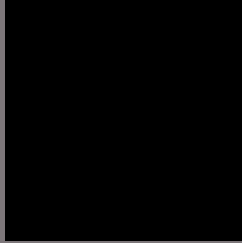
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

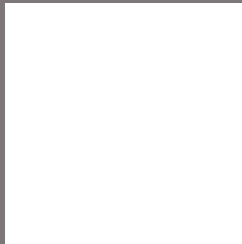
Any Text WCAG AAA × Fail

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

Hex 7D777A Background



This preview shows how black text looks on a background with the Hex color 7D777A.



This preview shows how white text looks on a background with the Hex color 7D777A.

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
7D777A

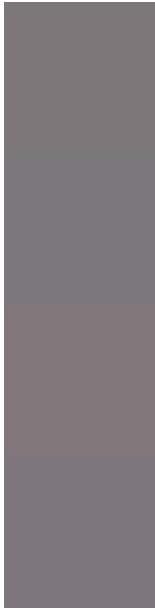
Protanopia
7A787B

Deuteranopia
83757A



Tritanopia
7E767F

Trichromacy



Original Color

7D777A

Protanomaly

7B787B

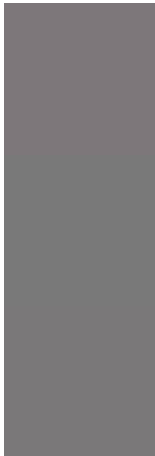
Deuteranomaly

81767A

Tritanomaly

7E767D

Monochromacy



Original Color

7D777A

Achromatopsia

797979

Achromatomaly

7A7879

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D777A 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 #7D777A looks like.

```
.text, #text, p{  
    color:#7D777A  
}
```

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 #7D777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D777A
}
```

Border

The CSS property to change the border of an element to Hex 7D777A 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
#7D777A }
```

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

```
.border{ border-color:#7D777A }
```

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

Here you see how a box with a 4 pixel #7D777A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D777A; -webkit-box-shadow:4px 4px  
4px 4px #7D777A; box-shadow:4px 4px 4px  
4px #7D777A }
```

Background

The CSS property to change the background color of an element to Hex 7D777A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D777A }
```

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

```
.background{ background-color:#7D777A }
```

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