

Converting Colors

Hex(797B78)

Have a look what the booklet for
Hex(797B78) contains.

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Color

Hex(797B78)

Conversions

Conversions Part 1

Format	Color
Hex	797B78
RGB	121, 123, 120
RGB Percent	47%, 48%, 47%
CMY	0.5255, 0.5176, 0.5294
CMYK	0.02, 0.00, 0.02, 0.52
HSL	100°, 1%, 48%
HSV	100°, 2%, 48%
XYZ	18.3583, 19.5869, 20.5824
YIQ	122.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

Format	Color
R_{YB}	120, 123, 122
Decimal	7961464
CIE Lab	51.37, -1.35, 1.37
CIE LCh	51, 1.922, 134.637
Yxy	19.5869, 0.3137, 0.3347
Android (android.graphics.Color)	4286151544 (0xFF797B78)
YUV	122.0600, -1.0156, -0.9296
Hunter-Lab	44.2571, -3.4065, 3.4064

Details

The Hex color **797B78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A787B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ADAFAC**, and **494A48** is the 20% darker color. If you saturate the color by 10%, you get **717B6C**, and if you desaturate by 10%, it is **817B84**.

Distribution



Red (47%)

Green (48%)

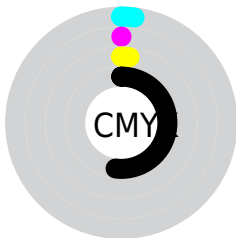
Blue (47%)



Red (47%)

Yellow (48%)

Blue (48%)

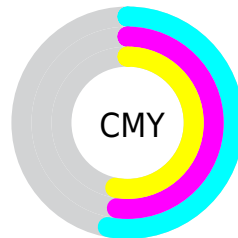


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797B78 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 797B78 by changing the saturation by 10% instead.



797B78



797B78

FFFFFF



60625F



ADAFAC



494A48



C9CBC8



323431



E5E7E4



1D1F1C



030602



000000



797B78



797B78



717B6C



817B84



697B5F



897B91

■ 607B53

■ 927B9D

■ 587B47

■ 9A7BA9

■ 507B3B

■ A27BB6

■ 487B2E

■ AA7BC2

■ 407B22

■ B27BCE

■ 377B16

■ BB7BDA

■ 2F7B09

■ C37BE7

Harmonies

Analogous

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



7B7B77



797B78



777B79

Triad

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



797B78



787B7D



7E797A

Complementary

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



797B78



7A787B

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.



7D797B



797B78



7A7A7E

Square

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



797B78



777B7D



7C7A7D



7E7A78

Rectangle

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



797B78



777B7B



7C7A7D



7E797A

Sweetspot

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



797B78



A0A19F



7B7A78



515251



D1D1D1



525252

Same Dimension

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



797B78



9DA19C



787B79



3C3D3B



2A7D00



54FC00

Inverse Universe

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



7A787B



9F9CA1



7B787B



3C3B3D



53007D



A800FC

Previews

White Background



This preview shows how the Hex color 797B78 looks on a white background.

Color Contrast Check

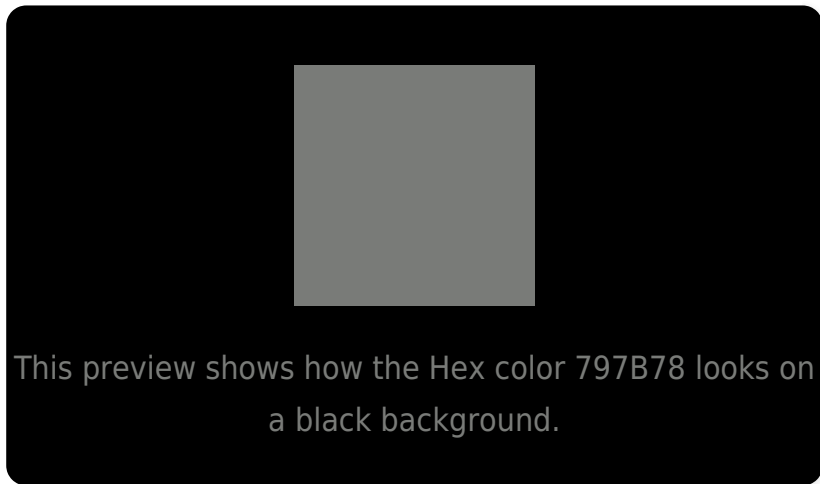
Large Text (above 18pt) WCAG AA ✓ Pass

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

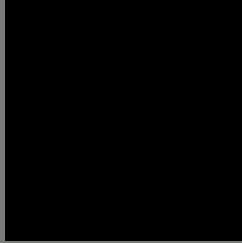
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

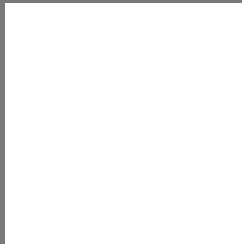
Any Text WCAG AAA × Fail

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

Hex 797B78 Background



This preview shows how black text looks on a background with the Hex color 797B78.



This preview shows how white text looks on a background with the Hex color 797B78.

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
797B78

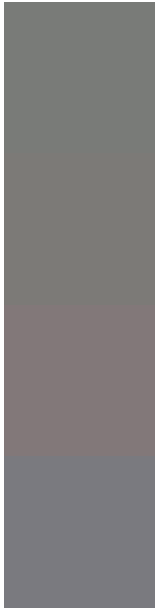
Protanopia
7D7A77

Deuteranopia
877679



Tritanopia
7B7983

Trichromacy



Original Color

797B78

Protanomaly

7C7A77

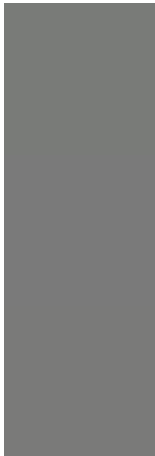
Deuteranomaly

827879

Tritanomaly

7A7A7F

Monochromacy



Original Color

797B78

Achromatopsia

7A7A7A

Achromatomaly

7A7A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 797B78 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 #797B78 looks like.

```
.text, #text, p{  
    color:#797B78  
}
```

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 #797B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797B78
}
```

Border

The CSS property to change the border of an element to Hex 797B78 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
#797B78 }
```

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

```
.border{ border-color:#797B78 }
```

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

Here you see how a box with a 4 pixel #797B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797B78; -webkit-box-shadow:4px 4px  
4px 4px #797B78; box-shadow:4px 4px 4px  
4px #797B78 }
```

Background

The CSS property to change the background color of an element to Hex 797B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797B78 }
```

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

```
.background{ background-color:#797B78 }
```

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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