

Converting Colors

Hex(798A76)

Have a look what the booklet for
Hex(798A76) contains.

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Color

Hex(798A76)

Conversions

Conversions Part 1

Format	Color
Hex	798A76
RGB	121, 138, 118
RGB Percent	47%, 54%, 46%
CMY	0.5255, 0.4588, 0.5373
CMYK	0.12, 0.00, 0.14, 0.46
HSL	111°, 8%, 50%
HSV	111°, 14%, 54%
XYZ	20.2437, 23.5499, 20.6182
YIQ	130.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

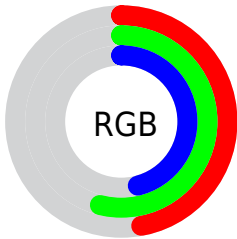
Format	Color
RYB	118, 138, 135
Decimal	7965302
CIELab	55.63, -10.17, 8.66
CIElCh	56, 13.357, 139.591
Yxy	23.5499, 0.3143, 0.3656
Android (android.graphics.Color)	4286155382 (0xFF798A76)
YUV	130.6370, -6.2300, -8.4516
Hunter-Lab	48.5283, -10.4628, 8.7793

Details

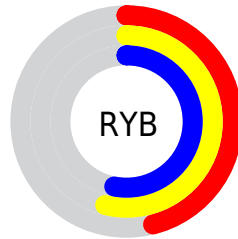
The Hex color **798A76** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87768A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ADBFAA**, and **485846** is the 20% darker color. If you saturate the color by 10%, you get **6D8A68**, and if you desaturate by 10%, it is **858A84**.

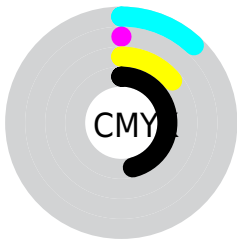
Distribution



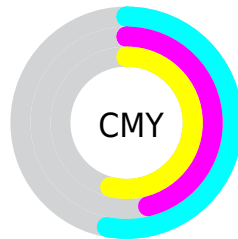
- Red (47%)
- Green (54%)
- Blue (46%)



- Red (46%)
- Yellow (54%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798A76 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 798A76 by changing the saturation by 10% instead.



798A76



798A76

FFFFFF



60715D



ADBFAA



485846



C9DBC5



32412F



E5F8E1



1C2B1A

FFFFFFE



041700



000000



798A76



798A76



6D8A68



858A84



628A5A



908A92

568A4D

9C8A9F

4A8A3F

A88AAD

3E8A31

B48ABB

338A23

BF8AC9

278A15

CB8AD7

1B8A08

D78AE4

158A00

E38AF2

Harmonies

Analogous

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



86876F



798A76



6D8C81

Triad

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



798A76



74889C



9E7D7E

Complementary

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



798A76



87768A

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.



9A7E8A



798A76



82849B

Square

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



798A76



698A96



908094



9B8074

Rectangle

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



798A76



688C89



908094



9D7D82

Sweetspot

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



798A76



ACB3AB



8A8776



555955



D9D9D9



595959

Same Dimension

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



798A76



99B394



768A7D



3F453E



148500



010500

Inverse Universe

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



87768A



AE94B3



8A7683



443E45



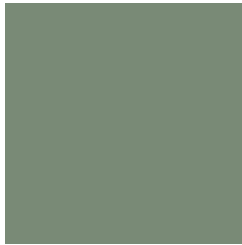
710085



040005

Previews

White Background



This preview shows how the Hex color 798A76 looks on a white background.

Color Contrast Check

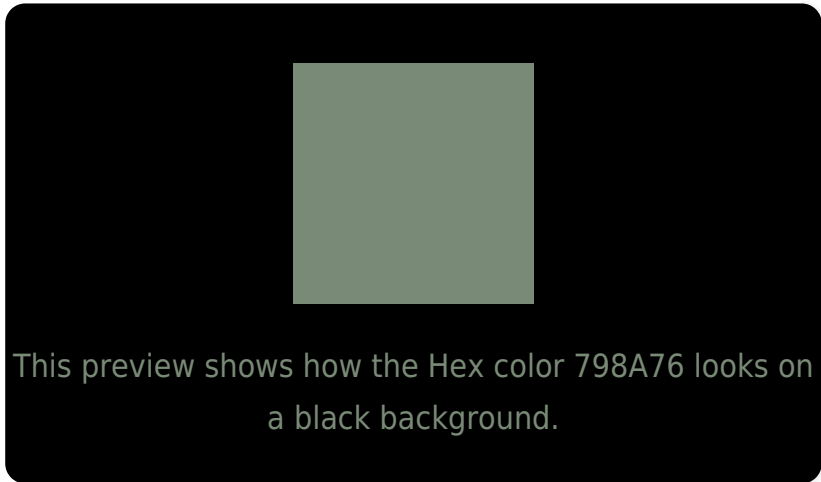
Large Text (above 18pt) WCAG AA ✓ Pass

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

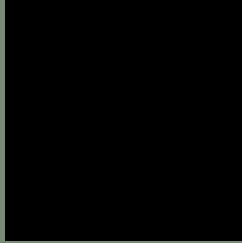
Any Text WCAG AA ✓ Pass

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 798A76 Background



This preview shows how black text looks on a background with the Hex color 798A76.



This preview shows how white text looks on a background with the Hex color 798A76.

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](#).

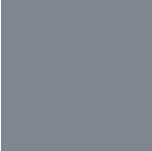
Dichromacy



Original Color
798A76

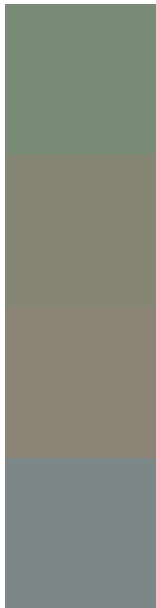
Protanopia
8C8573

Deuteranopia
978078



Tritanopia
7D8691

Trichromacy



Original Color
798A76

Protanomaly
858774

Deuteranomaly
8C8477

Tritanomaly
7C8787

Monochromacy



Original Color
798A76

Achromatopsia
838383

Achromatomaly
7F867E

CSS Examples

Text

The CSS property to change the color of the text to Hex 798A76 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 #798A76 looks like.

```
.text, #text, p{  
    color:#798A76  
}
```

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 #798A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798A76
}
```

Border

The CSS property to change the border of an element to Hex 798A76 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
#798A76 }
```

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

```
.border{ border-color:#798A76 }
```

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

Here you see how a box with a 4 pixel #798A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798A76; -webkit-box-shadow:4px 4px  
4px 4px #798A76; box-shadow:4px 4px 4px  
4px #798A76 }
```

Background

The CSS property to change the background color of an element to Hex 798A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798A76 }
```

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

```
.background{ background-color:#798A76 }
```

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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