

# Converting Colors

Hex(788D6E)

Have a look what the booklet for  
Hex(788D6E) contains.

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# Color

Hex(788D6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	788D6E
RGB	120, 141, 110
RGB Percent	47%, 55%, 43%
CMY	0.5294, 0.4471, 0.5686
CMYK	0.15, 0.00, 0.22, 0.45
HSL	101°, 12%, 49%
HSV	101°, 22%, 55%
XYZ	20.0851, 24.1686, 18.3583
YIQ	131.1870, -2.5650, -14.0930

# Conversions

## Conversions Part 2

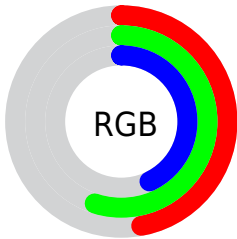
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 141, 131
Decimal	7900526
CIELab	56.26, -13.63, 14.09
CIELCh	56, 19.606, 134.055
Yxy	24.1686, 0.3208, 0.3860
Android (android.graphics.Color)	4286090606 (0xFF788D6E)
YUV	131.1870, -10.4452, -9.8110
Hunter-Lab	49.1616, -13.1062, 12.2726

# Details

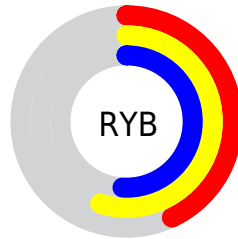
The Hex color **788D6E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **836E8D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ADC3A2**, and **475B3E** is the 20% darker color. If you saturate the color by 10%, you get **6E8D60**, and if you desaturate by 10%, it is **828D7C**.

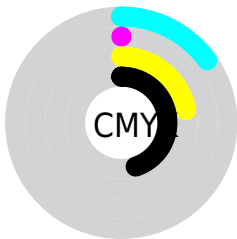
# Distribution



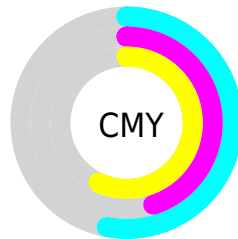
- Red (47%)
- Green (55%)
- Blue (43%)



- Red (43%)
- Yellow (55%)
- Blue (51%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788D6E 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 788D6E by changing the saturation by 10% instead.



 788D6E

 788D6E

FFFFFF

 5F7356

 ADC3A2

 475B3E

 C8DFBD

 304328

 E4FBD9

 1B2D13

 FFFFF5

 001900

 000000

 788D6E

 788D6E

 6E8D60

 828D7C

 658D52

 8B8D8A

 5B8D44

 958D98

 528D36

 9E8DA6

 488D28

 A88DB5

 3F8D19

 B18DC3

 358D0B

 BB8DD1

 2D8D00

 C48DDF

 CE8DED

# Harmonies

## Analogous

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



8B8866



788D6E



65907D

# Triad

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



788D6E



678BA7



AA7B7F

# Complementary

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



788D6E



836E8D

# 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.



A37C91



788D6E



7D86A8

# Square

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



788D6E



588F9E



94809F



A77E70

# Rectangle

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



788D6E



5B9189



94809F



A97B85



# Sweetspot

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



788D6E



AFB8AB



8D836E



575C54



DBDBDB



5C5C5C



# Same Dimension

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



788D6E



97B888



6E8D73



434740



2C8700



020800



# Inverse Universe

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



836E8D



A888B8



8D6E88



454047



5C0087



050008



# Previews

## White Background



This preview shows how the Hex color 788D6E looks on a white background.

## Color Contrast Check

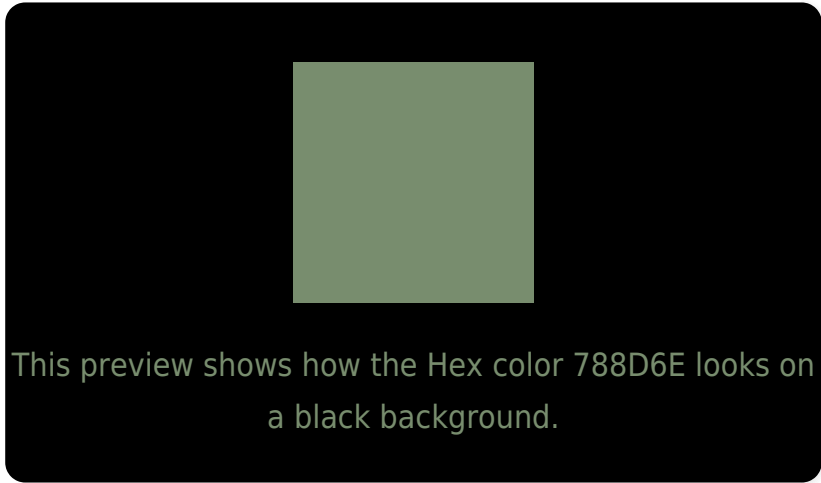
Large Text (above 18pt) WCAG AA ✓ Pass

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

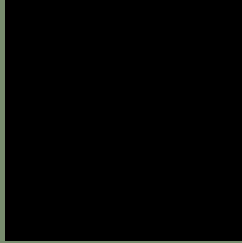
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

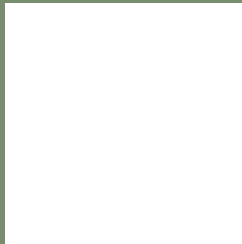
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 788D6E Background



This preview shows how black text looks on a background with the Hex color 788D6E.



This preview shows how white text looks on a background with the Hex color 788D6E.

# 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



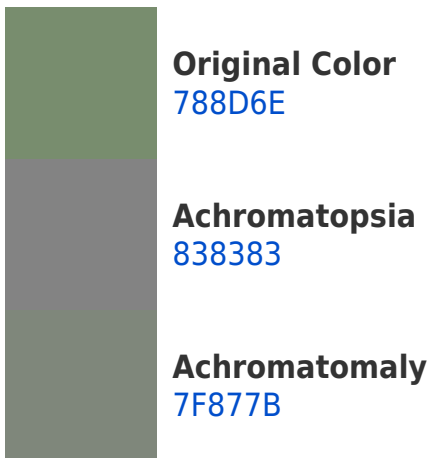


**Tritanopia**  
7E8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788D6E 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 #788D6E looks like.

```
.text, #text, p{  
    color:#788D6E  
}
```

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 #788D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788D6E
}
```

## Border

The CSS property to change the border of an element to Hex 788D6E 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
#788D6E }
```

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

```
.border{ border-color:#788D6E }
```

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

Here you see how a box with a 4 pixel #788D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788D6E; -webkit-box-shadow:4px 4px  
4px 4px #788D6E; box-shadow:4px 4px 4px  
4px #788D6E }
```

# Background

The CSS property to change the background color of an element to Hex 788D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788D6E }
```

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

```
.background{ background-color:#788D6E }
```

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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