

# Converting Colors

Hex(786A72)

Have a look what the booklet for  
Hex(786A72) contains.

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# Color

**Hex(786A72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786A72
RGB	120, 106, 114
RGB Percent	47%, 42%, 45%
CMY	0.5294, 0.5843, 0.5529
CMYK	0.00, 0.12, 0.05, 0.53
HSL	326°, 6%, 44%
HSV	326°, 12%, 47%
XYZ	15.9370, 15.5160, 18.0745
YIQ	111.0980, 5.7760, 5.4560

# Conversions

## Conversions Part 2

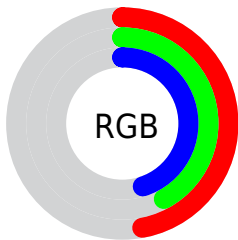
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 106, 114
Decimal	7891570
CIE Lab	46.33, 7.04, -2.45
CIE LCh	46, 7.451, 340.832
Yxy	15.5160, 0.3218, 0.3133
Android (android.graphics.Color)	4286081650 (0xFF786A72)
YUV	111.0980, 1.4307, 7.8071
Hunter-Lab	39.3904, 3.2864, 0.3677

# Details

The Hex color **786A72** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7870**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AC9DA6**, and **473B42** is the 20% darker color. If you saturate the color by 10%, you get **785E6D**, and if you desaturate by 10%, it is **787677**.

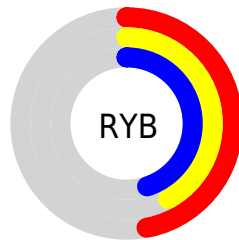
# Distribution



Red (47%)

Green (42%)

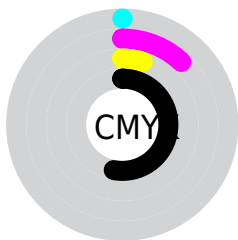
Blue (45%)



Red (47%)

Yellow (42%)

Blue (45%)

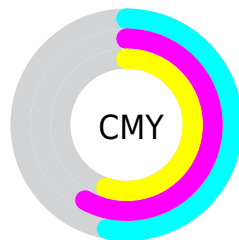


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786A72 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 786A72 by changing the saturation by 10% instead.



 786A72

 786A72

FFFFFF

 5F525A

 AC9DA6

 473B42

 C8B8C1

 31252C

 E4D4DD

 1C1118

 FFF0F9

 000000

 786A72

 786A72

 785E6D

 787677

 785268

 78827C

 784663

 788E81

783A5D

789A87

782E58

78A68C

782253

78B291

78164E

78BE96

780A49

78CA9B

780045

78D6A0

# Harmonies

## Analogous

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



726B77



786A72



7B6A6C

# Triad

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



786A72



716E62



5F7176

# Complementary

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



786A72



6A7870

# 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.



5F7270



786A72



697064

# Square

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



786A72



776C62



637169



637079

# Rectangle

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



786A72



7B6A68



637169



5E7174



# Sweetspot

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



786A72



9C9599



706A78



4F4B4D



CFCFCF



4F4F4F



# Same Dimension

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



786A72



9C8692



786A6B



3D373B



7D0047



FC0090



# Inverse Universe

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



786A72



9C8692



6A7877



3D373B



7D0047



FC0090



# Previews

## White Background



This preview shows how the Hex color 786A72 looks on a white background.

## Color Contrast Check

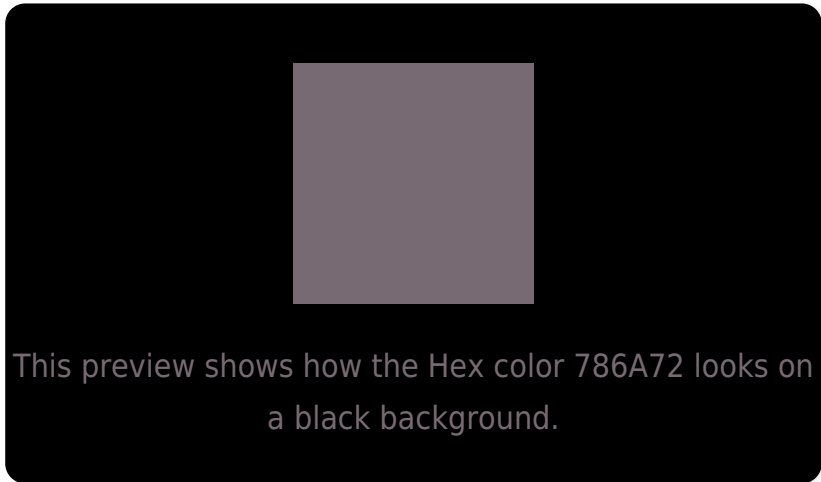
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

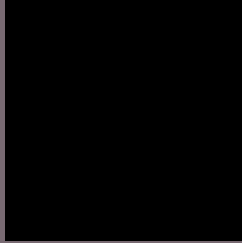
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786A72 Background



This preview shows how black text looks on a background with the Hex color 786A72.



This preview shows how white text looks on a background with the Hex color 786A72.

# 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**  
786A72

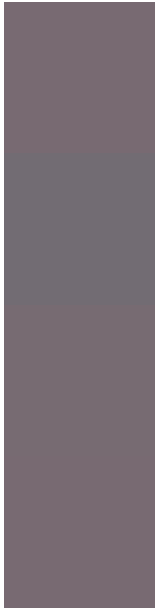
**Protanopia**  
6E6D74

**Deuteranopia**  
776B72



**Tritanopia**  
786A72

# Trichromacy



**Original Color**

786A72

**Protanomaly**

726C73

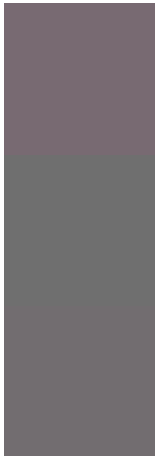
**Deuteranomaly**

776B72

**Tritanomaly**

786A72

# Monochromacy



**Original Color**

786A72

**Achromatopsia**

6F6F6F

**Achromatomaly**

726D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786A72 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 #786A72 looks like.

```
.text, #text, p{  
    color:#786A72  
}
```

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 #786A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786A72
}
```

## Border

The CSS property to change the border of an element to Hex 786A72 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
#786A72 }
```

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

```
.border{ border-color:#786A72 }
```

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

Here you see how a box with a 4 pixel #786A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786A72; -webkit-box-shadow:4px 4px  
4px 4px #786A72; box-shadow:4px 4px 4px  
4px #786A72 }
```

# Background

The CSS property to change the background color of an element to Hex 786A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786A72 }
```

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

```
.background{ background-color:#786A72 }
```

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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