

# Converting Colors

Hex(786C71)

Have a look what the booklet for  
Hex(786C71) contains.

<b>Hex(786C71)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(786C71)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786C71
RGB	120, 108, 113
RGB Percent	47%, 42%, 44%
CMY	0.5294, 0.5765, 0.5569
CMYK	0.00, 0.10, 0.06, 0.53
HSL	335°, 5%, 45%
HSV	335°, 10%, 47%
XYZ	16.0889, 15.9104, 17.8458
YIQ	112.1580, 5.5470, 4.0990

# Conversions

## Conversions Part 2

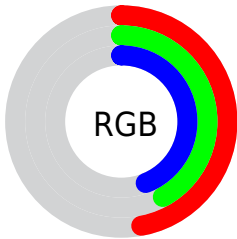
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 108, 113
Decimal	7892081
CIE Lab	46.86, 5.65, -1.08
CIE LCh	47, 5.755, 349.205
Yxy	15.9104, 0.3228, 0.3192
Android (android.graphics.Color)	4286082161 (0xFF786C71)
YUV	112.1580, 0.4151, 6.8774
Hunter-Lab	39.8879, 2.1948, 1.3952

# Details

The Hex color **786C71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C7873**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AC9FA5**, and **483D41** is the 20% darker color. If you saturate the color by 10%, you get **78606A**, and if you desaturate by 10%, it is **787878**.

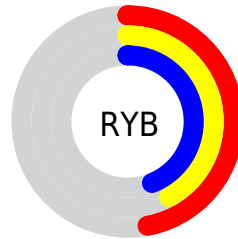
# Distribution



Red (47%)

Green (42%)

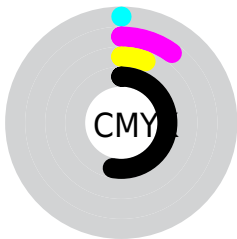
Blue (44%)



Red (47%)

Yellow (42%)

Blue (44%)

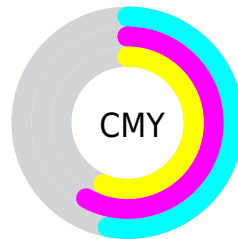


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786C71 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 786C71 by changing the saturation by 10% instead.



 786C71

 786C71

FFFFFF

 5F5459

 AC9FA5

 483D41

 C8BAC0

 31272B

 E4D6DC

 1C1317

 FFF2F8

 000000

 786C71

 786C71


 78606A

 787878

 785463

 78847F

 78485C

 789086

783C55

789C8D

78304E

78A894

782447

78B49B

781840

78C0A2

780C39

78CCA9

780032

78D8B0

# Harmonies

## Analogous

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



746D75



786C71



7A6C6C

# Triad

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



786C71



707066



647176

# Complementary

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



786C71



6C7873

# 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.



637272



786C71



6A7169

# Square

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



786C71



756E66



66726D



687078

# Rectangle

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



786C71



796C69



66726D



647275



# Sweetspot

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



786C71



9C9799



736C78



4F4C4D



CFCFCF



4F4F4F



# Same Dimension

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



786C71



9C8991



786D6C



3D373A



7D0034



FC0069



# Inverse Universe

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



786C71



9C8991



6C7778



3D373A



7D0034



FC0069



# Previews

## White Background



This preview shows how the Hex color 786C71 looks on a white background.

## Color Contrast Check

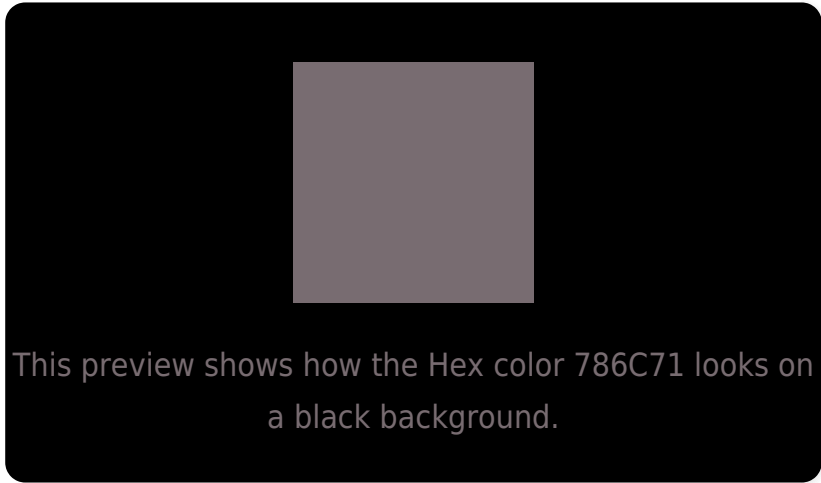
Large Text (above 18pt) WCAG AA ✓ Pass

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

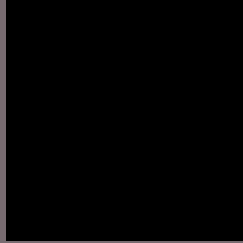
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786C71 Background



This preview shows how black text looks on a background with the Hex color 786C71.



This preview shows how white text looks on a background with the Hex color 786C71.

# 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**  
786C71

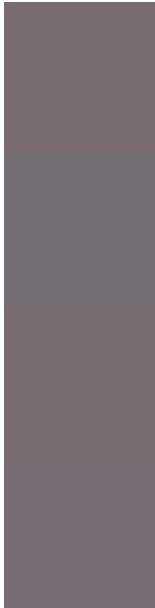
**Protanopia**  
706F72

**Deuteranopia**  
796C71



**Tritanopia**  
786C74

# Trichromacy



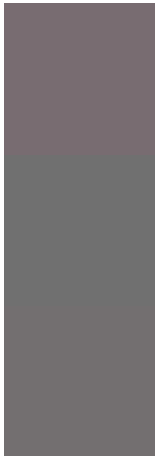
**Original Color**  
786C71

**Protanomaly**  
736E72

**Deuteranomaly**  
796C71

**Tritanomaly**  
786C73

# Monochromacy



**Original Color**  
786C71

**Achromatopsia**  
707070

**Achromatomaly**  
736F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786C71 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 #786C71 looks like.

```
.text, #text, p{  
    color:#786C71  
}
```

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 #786C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786C71
}
```

## Border

The CSS property to change the border of an element to Hex 786C71 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
#786C71 }
```

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

```
.border{ border-color:#786C71 }
```

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

Here you see how a box with a 4 pixel #786C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786C71; -webkit-box-shadow:4px 4px  
4px 4px #786C71; box-shadow:4px 4px 4px  
4px #786C71 }
```

# Background

The CSS property to change the background color of an element to Hex 786C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786C71 }
```

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

```
.background{ background-color:#786C71 }
```

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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