

# Converting Colors

Hex(6D786C)

Have a look what the booklet for  
Hex(6D786C) contains.

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# Color

Hex(6D786C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D786C
RGB	109, 120, 108
RGB Percent	43%, 47%, 42%
CMY	0.5725, 0.5294, 0.5765
CMYK	0.09, 0.00, 0.10, 0.53
HSL	115°, 5%, 45%
HSV	115°, 10%, 47%
XYZ	15.7299, 17.7669, 16.7876
YIQ	115.3430, -2.7040, -6.0640

# Conversions

## Conversions Part 2

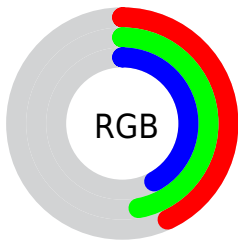
Format	Color
R <sub>Y</sub> B	108, 120, 119
Decimal	7174252
CIE Lab	49.21, -6.57, 5.19
CIE LCh	49, 8.374, 141.697
Yxy	17.7669, 0.3128, 0.3533
Android (android.graphics.Color)	4285364332 (0xFF6D786C)
YUV	115.3430, -3.6201, -5.5628
Hunter-Lab	42.1508, -7.1508, 5.8917

# Details

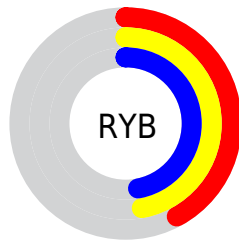
The Hex color **6D786C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776C78**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A1AC9F**, and **3D483D** is the 20% darker color. If you saturate the color by 10%, you get **627860**, and if you desaturate by 10%, it is **787878**.

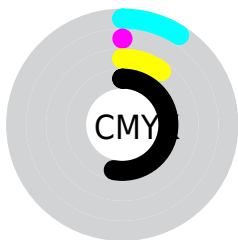
# Distribution



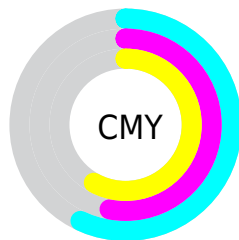
- Red (43%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D786C 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 6D786C by changing the saturation by 10% instead.



 6D786C

 6D786C

FFFFFF

 555F54

 A1AC9F

 3D483D

 BCC8BA

 283127

 D7E4D6

 131C12

 F4FFF2

 000000

 6D786C

 6D786C

 627860

 787878

 577854

 837884

 4C7848

 8E7890

■ 41783C

■ 99789C

■ 367830

■ A478A8

■ 2B7824

■ AF78B4

■ 207818

■ BA78C0

■ 15780C

■ C578CC

■ 0A7800

■ D078D8

# Harmonies

## Analogous

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



757668



6D786C



667973

# Triad

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



6D786C



6B7683



847070

# Complementary

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



6D786C



776C78

# 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.



827077



6D786C



747482

# Square

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



6D786C



657880



7C727E



82726A

# Rectangle

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



6D786C



647978



7C727E



847072



# Sweetspot

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



6D786C



979C97



78776C



4C4F4C



CFCFCF



4F4F4F



# Same Dimension

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



6D786C



8A9C89



6C7871



383D37



0A7D00



15FC00



# Inverse Universe

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



776C78



9A899C



786C73



3D373D



73007D

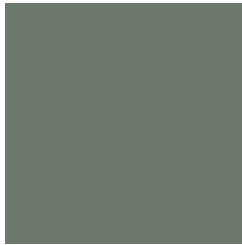


E700FC



# Previews

## White Background



This preview shows how the Hex color 6D786C looks on a white background.

## Color Contrast Check

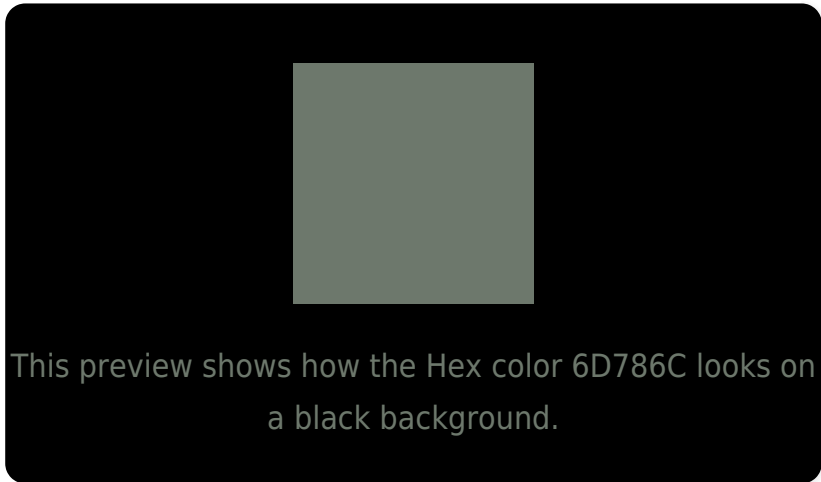
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

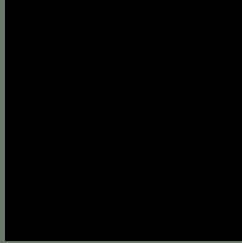
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

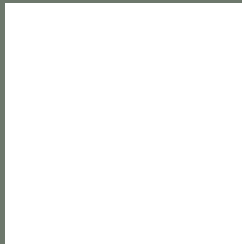
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D786C Background



This preview shows how black text looks on a background with the Hex color 6D786C.

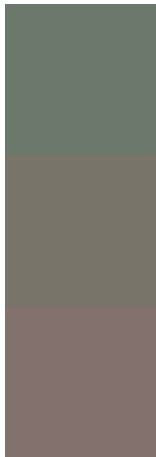


This preview shows how white text looks on a background with the Hex color 6D786C.

# 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**  
6D786C

**Protanopia**  
79746A

**Deuteranopia**  
83716D



**Tritanopia**  
70757F

# Trichromacy



**Original Color**  
6D786C

**Protanomaly**  
75756B

**Deuteranomaly**  
7B746D

**Tritanomaly**  
6F7678

# Monochromacy



**Original Color**  
6D786C

**Achromatopsia**  
737373

**Achromatomaly**  
717570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D786C 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 #6D786C looks like.

```
.text, #text, p{  
    color:#6D786C  
}
```

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 #6D786C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D786C
}
```

## Border

The CSS property to change the border of an element to Hex 6D786C 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
#6D786C }
```

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

```
.border{ border-color:#6D786C }
```

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

Here you see how a box with a 4 pixel #6D786C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D786C; -webkit-box-shadow:4px 4px  
4px 4px #6D786C; box-shadow:4px 4px 4px  
4px #6D786C }
```

# Background

The CSS property to change the background color of an element to Hex 6D786C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D786C }
```

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

```
.background{ background-color:#6D786C }
```

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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