

Converting Colors

Hex(6D786D)

Have a look what the booklet for
Hex(6D786D) contains.

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Color

Hex(6D786D)

Conversions

Conversions Part 1

Format	Color
Hex	6D786D
RGB	109, 120, 109
RGB Percent	43%, 47%, 43%
CMY	0.5725, 0.5294, 0.5725
CMYK	0.09, 0.00, 0.09, 0.53
HSL	120°, 5%, 45%
HSV	120°, 9%, 47%
XYZ	15.7835, 17.7883, 17.0696
YIQ	115.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

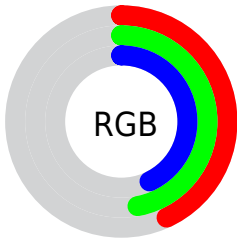
Format	Color
R _{YB}	109, 120, 120
Decimal	7174253
CIE Lab	49.24, -6.37, 4.64
CIE LCh	49, 7.883, 143.952
Yxy	17.7883, 0.3117, 0.3513
Android (android.graphics.Color)	4285364333 (0xFF6D786D)
YUV	115.4570, -3.1833, -5.6628
Hunter-Lab	42.1762, -7.0087, 5.5274

Details

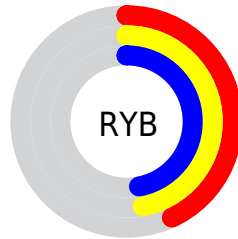
The Hex color **6D786D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786D78**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A1ACA0**, and **3D483E** is the 20% darker color. If you saturate the color by 10%, you get **617861**, and if you desaturate by 10%, it is **797879**.

Distribution



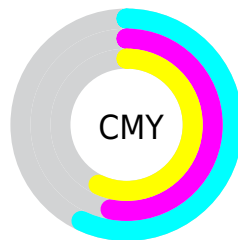
- Red (43%)
- Green (47%)
- Blue (43%)



- Red (43%)
- Yellow (47%)
- Blue (47%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6D786D 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 6D786D by changing the saturation by 10% instead.

 6D786D

 6D786D

FFFFFF

 555F55


 A1ACA0

 3D483E

 BCC8BB

 283128

 D7E4D7

 131C13

 F4FFF4

 000000

 6D786D

 6D786D

 617861

 797879

 557855

 857885

 497849

 917891

 3D783D

 9D789D

 317831

 A978A9

 257825

 B578B5

 197819

 C178C1

 0D780D

 CD78CD

 017801

 D978D9

Harmonies

Analogous

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



757669



6D786D



677973

Triad

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



6D786D



6C7682



847170

Complementary

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



6D786D



786D78

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.



827177



6D786D



757481

Square

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



6D786D



667880



7D727D



81726A

Rectangle

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



6D786D



657978



7D727D



837172

Sweetspot

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



6D786D



979C97



78786D



4C4F4C



CFCFCF



4F4F4F

Same Dimension

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



6D786D



8A9C8A



6D7872



373D37



007D00



00FC00

Inverse Universe

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



786D78



9C8A9C



786D72



3D373D



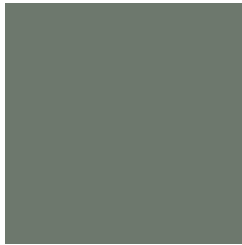
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 6D786D looks on a white background.

Color Contrast Check

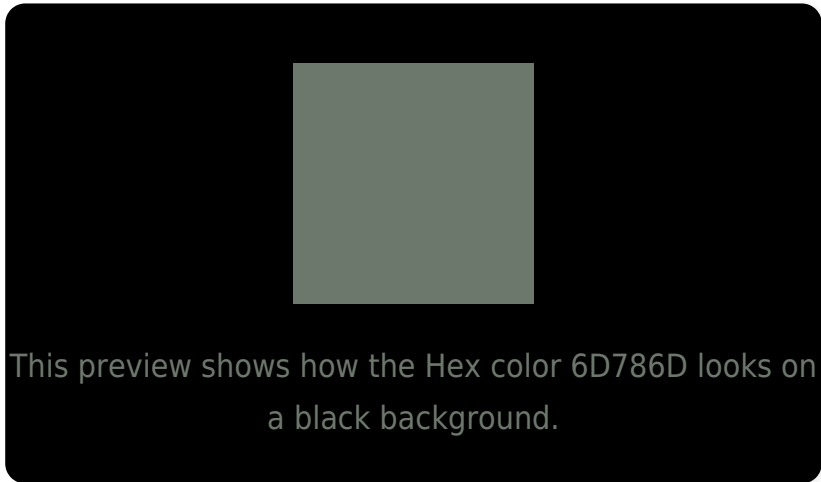
Large Text (above 18pt) WCAG AA ✓ Pass

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

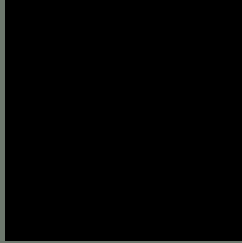
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

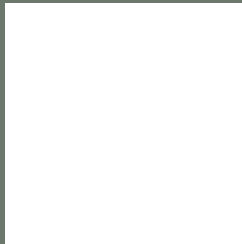
Any Text WCAG AAA × Fail

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

Hex 6D786D Background



This preview shows how black text looks on a background with the Hex color 6D786D.

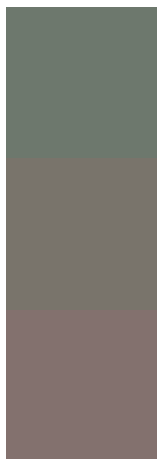


This preview shows how white text looks on a background with the Hex color 6D786D.

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
6D786D

Protanopia
79746B

Deuteranopia
83716E



Tritanopia
70757F

Trichromacy



Original Color
6D786D

Protanomaly
75756C

Deuteranomaly
7B746E

Tritanomaly
6F7678

Monochromacy



Original Color
6D786D

Achromatopsia
737373

Achromatomaly
717571

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D786D 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 #6D786D looks like.

```
.text, #text, p{  
    color:#6D786D  
}
```

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 #6D786D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D786D  
}
```

Border

The CSS property to change the border of an element to Hex 6D786D 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  
#6D786D }
```

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

```
.border{ border-color:#6D786D }
```

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

Here you see how a box with a 4 pixel #6D786D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D786D; -webkit-box-shadow:4px 4px  
4px 4px #6D786D; box-shadow:4px 4px 4px  
4px #6D786D }
```

Background

The CSS property to change the background color of an element to Hex 6D786D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D786D }
```

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

```
.background{ background-color:#6D786D }
```

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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