

# Converting Colors

Hex(6D785C)

Have a look what the booklet for  
Hex(6D785C) contains.

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# Color

Hex(6D785C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D785C
RGB	109, 120, 92
RGB Percent	43%, 47%, 36%
CMY	0.5725, 0.5294, 0.6392
CMYK	0.09, 0.00, 0.23, 0.53
HSL	84°, 13%, 42%
HSV	84°, 23%, 47%
XYZ	14.9549, 17.4569, 12.7065
YIQ	113.5190, 2.4320, -11.0400

# Conversions

## Conversions Part 2

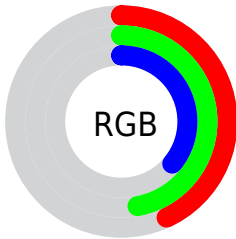
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 120, 103
Decimal	7174236
CIE <sub>Lab</sub>	48.83, -9.51, 14.04
CIE <sub>LCh</sub>	49, 16.960, 124.114
Yxy	17.4569, 0.3315, 0.3869
Android (android.graphics.Color)	4285364316 (0xFF6D785C)
YUV	113.5190, -10.6089, -3.9632
Hunter-Lab	41.7814, -9.2266, 11.2158

# Details

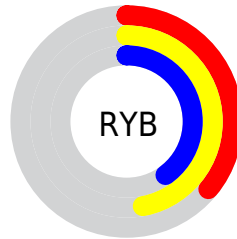
The Hex color **6D785C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **675C78**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A1AC8E**, and **3D482E** is the 20% darker color. If you saturate the color by 10%, you get **687850**, and if you desaturate by 10%, it is **727868**.

# Distribution



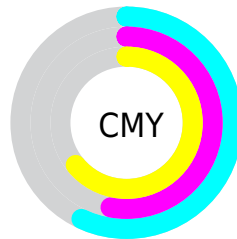
- Red (43%)
- Green (47%)
- Blue (36%)



- Red (36%)
- Yellow (47%)
- Blue (40%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D785C 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 6D785C by changing the saturation by 10% instead.





6D785C



6D785C

FFFFFF



555F44



A1AC8E



3D482E



BCC8A9



273119



D8E4C4



141C00



F4FFE0



000000

FFFFFFD



6D785C



6D785C



687850



727868



647844



767874

 5F7838

 7B7880

 5A782C

 80788C

 557820

 857898

 517814

 8978A4

 4C7808

 8E78B0

 497800

 9378BC

 9778C8

# Harmonies

## Analogous

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



7D7457



6D785C



5D7B67

# Triad

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



6D785C



54798D



916A72

# Complementary

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



6D785C



675C78

# 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.



886B81



6D785C



667590

# Square

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



6D785C



4B7C84



79708C



916B65

# Rectangle

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



6D785C



537C71



79708C



8F6A77



# Sweetspot

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



6D785C



979C91



78675C



4D4F49



CFCFCF



4F4F4F



# Same Dimension

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



6D785C



8A9C70



5F785C



3B3D37



4C7D00



99FC00



# Inverse Universe

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



675C78



81709C



755C78



39373D



31007D



6300FC



# Previews

## White Background



This preview shows how the Hex color 6D785C looks on a white background.

## Color Contrast Check

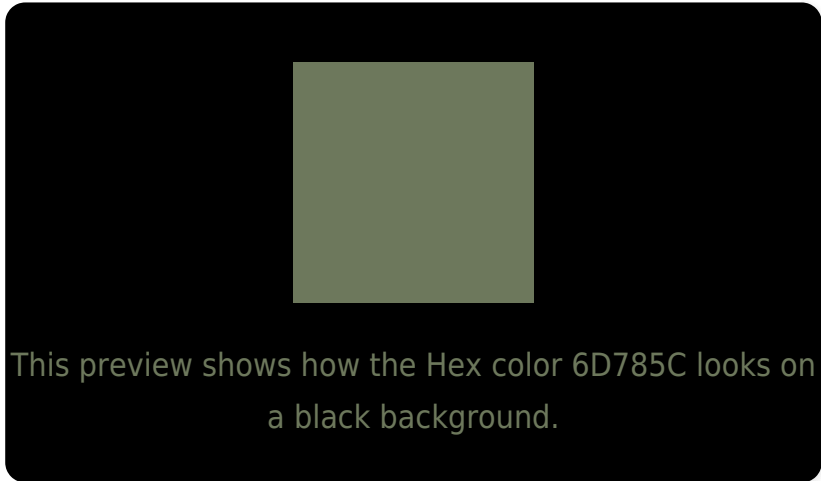
Large Text (above 18pt) WCAG AA ✓ Pass

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

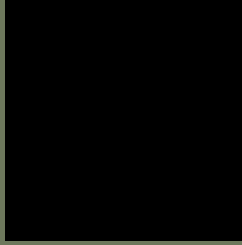
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

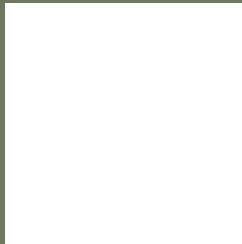
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D785C Background



This preview shows how black text looks on a background with the Hex color 6D785C.



This preview shows how white text looks on a background with the Hex color 6D785C.

# 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**  
6D785C

**Protanopia**  
7C745A

**Deuteranopia**  
876F5E



**Tritanopia**  
72747D

# Trichromacy



**Original Color**  
6D785C

**Protanomaly**  
77755B

**Deuteranomaly**  
7E725D

**Tritanomaly**  
707571

# Monochromacy



**Original Color**  
6D785C

**Achromatopsia**  
727272

**Achromatomaly**  
70746A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D785C 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 #6D785C looks like.

```
.text, #text, p{  
    color:#6D785C  
}
```

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 #6D785C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D785C
}
```

## Border

The CSS property to change the border of an element to Hex 6D785C 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".

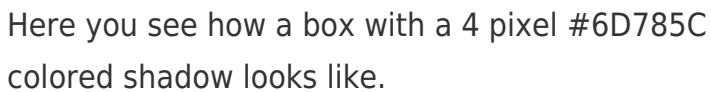
```
.border, #border, table{ border:4px solid
#6D785C }
```

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

```
.border{ border-color:#6D785C }
```

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

Here you see how a box with a 4 pixel #6D785C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D785C; -webkit-box-shadow:4px 4px  
4px 4px #6D785C; box-shadow:4px 4px 4px  
4px #6D785C }
```

# Background

The CSS property to change the background color of an element to Hex 6D785C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D785C }
```

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

```
.background{ background-color:#6D785C }
```

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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