

# Converting Colors

Hex(6D7A77)

Have a look what the booklet for  
Hex(6D7A77) contains.

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# Color

Hex(6D7A77)

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7A77
RGB	109, 122, 119
RGB Percent	43%, 48%, 47%
CMY	0.5725, 0.5216, 0.5333
CMYK	0.11, 0.00, 0.02, 0.52
HSL	166°, 6%, 45%
HSV	166°, 11%, 48%
XYZ	16.5960, 18.5022, 20.1493
YIQ	117.7710, -6.7850, -3.6890

# Conversions

## Conversions Part 2

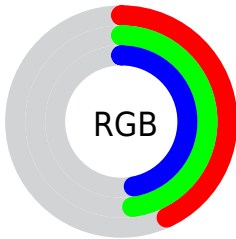
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 116, 122
Decimal	7174775
CIE <sub>Lab</sub>	50.10, -5.45, -0.01
CIE <sub>LCh</sub>	50, 5.449, 180.071
Yxy	18.5022, 0.3004, 0.3349
Android (android.graphics.Color)	4285364855 (0xFF6D7A77)
YUV	117.7710, 0.6059, -7.6922
Hunter-Lab	43.0142, -6.4049, 2.3364

# Details

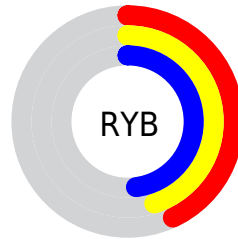
The Hex color **6D7A77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6D70**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A1AEAB**, and **3D4947** is the 20% darker color. If you saturate the color by 10%, you get **617A74**, and if you desaturate by 10%, it is **797A7A**.

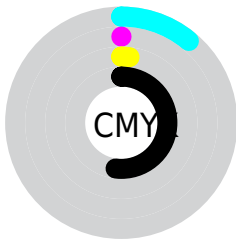
# Distribution



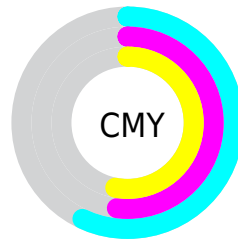
- Red (43%)
- Green (48%)
- Blue (47%)



- Red (43%)
- Yellow (45%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (57%)
- Magenta (52%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7A77 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 6D7A77 by changing the saturation by 10% instead.



■ 6D7A77

■ 6D7A77

FFFFFF

■ 55615E

■ A1AEAB

■ 3D4947

■ BCCAC6

■ 273330

■ D7E6E2

■ 131E1C

■ F4FFFF

■ 000100

■ 000000

■ 6D7A77

■ 6D7A77

■ 617A74

■ 797A7A

■ 557A71

■ 857A7D

487A6F

927A7F

3C7A6C

9E7A82

307A69

AA7A85

247A66

B67A88

187A63

C27A8B

0B7A60

CF7A8E

007A5E

DB7A90

# Harmonies

## Analogous

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



717972



6D7A77



6C7A7C

# Triad

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



6D7A77



78767F



7F756F

# Complementary

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



6D7A77



7A6D70

# 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.



817473



6D7A77



7D757C

# Square

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



6D7A77



737880



817477



7B776E

# Rectangle

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



6D7A77



6D797E



817477



807570



# Sweetspot

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



6D7A77



999E9D



707A6D



4C4F4E



CFCFCF



4F4F4F



# Same Dimension

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



6D7A77



8A9E99



6D777A



373D3C



007D60



00FCC2



# Inverse Universe

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



7A6D70



9E8A8E



7A706D



3D3738



7D001D



FC003A



# Previews

## White Background



This preview shows how the Hex color 6D7A77 looks on a white background.

## Color Contrast Check

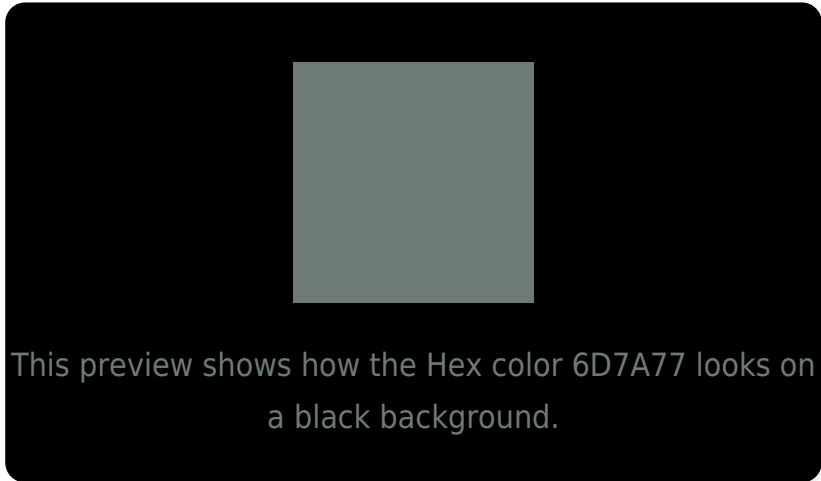
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

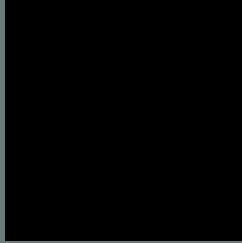
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

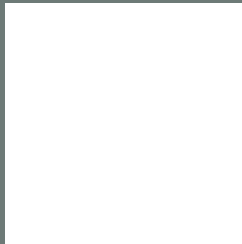
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D7A77 Background



This preview shows how black text looks on a background with the Hex color 6D7A77.



This preview shows how white text looks on a background with the Hex color 6D7A77.

# 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**  
6D7A77

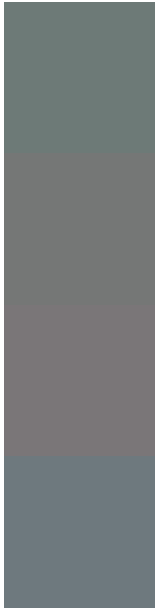
**Protanopia**  
7A7675

**Deuteranopia**  
827378



**Tritanopia**  
6F7882

# Trichromacy



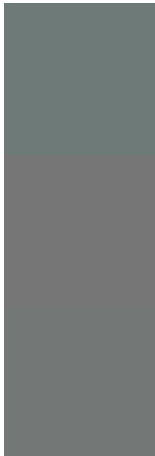
**Original Color**  
6D7A77

**Protanomaly**  
757776

**Deuteranomaly**  
7A7678

**Tritanomaly**  
6E797E

# Monochromacy



**Original Color**  
6D7A77

**Achromatopsia**  
767676

**Achromatomaly**  
737776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7A77 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 #6D7A77 looks like.

```
.text, #text, p{  
    color:#6D7A77  
}
```

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 #6D7A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7A77
}
```

## Border

The CSS property to change the border of an element to Hex 6D7A77 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
#6D7A77 }
```

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

```
.border{ border-color:#6D7A77 }
```

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

Here you see how a box with a 4 pixel #6D7A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7A77; -webkit-box-shadow:4px 4px  
4px 4px #6D7A77; box-shadow:4px 4px 4px  
4px #6D7A77 }
```

# Background

The CSS property to change the background color of an element to Hex 6D7A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7A77 }
```

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

```
.background{ background-color:#6D7A77 }
```

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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