

# Converting Colors

Hex(6D7E61)

Have a look what the booklet for  
Hex(6D7E61) contains.

<b>Hex(6D7E61)</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(6D7E61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7E61
RGB	109, 126, 97
RGB Percent	43%, 49%, 38%
CMY	0.5725, 0.5059, 0.6196
CMYK	0.13, 0.00, 0.23, 0.51
HSL	95°, 13%, 44%
HSV	95°, 23%, 49%
XYZ	15.9252, 19.0360, 14.1442
YIQ	117.6110, -0.8230, -12.6230

# Conversions

## Conversions Part 2

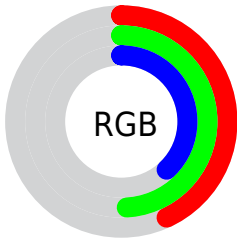
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 126, 114
Decimal	7175777
CIE <sub>Lab</sub>	50.73, -11.98, 13.76
CIE <sub>LCh</sub>	51, 18.244, 131.044
Yxy	19.0360, 0.3243, 0.3877
Android (android.graphics.Color)	4285365857 (0xFF6D7E61)
YUV	117.6110, -10.1612, -7.5518
Hunter-Lab	43.6302, -11.1998, 11.3203

# Details

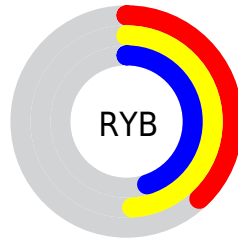
The Hex color **6D7E61** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72617E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A1B394**, and **3D4D32** is the 20% darker color. If you saturate the color by 10%, you get **667E54**, and if you desaturate by 10%, it is **747E6E**.

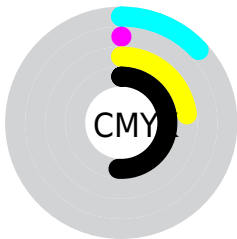
# Distribution



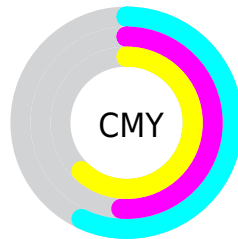
- Red (43%)
- Green (49%)
- Blue (38%)



- Red (38%)
- Yellow (49%)
- Blue (45%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7E61 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 6D7E61 by changing the saturation by 10% instead.



6D7E61

6D7E61

FFFFFF

556549

A1B394

3D4D32

BCCEAE

27361D

D8EACA

132105

F4FFE6

000500

000000

6D7E61

6D7E61

667E54

747E6E

5E7E48

7C7E7A

■ 577E3B

■ 837E87

■ 4F7E2F

■ 8B7E93

■ 487E22

■ 927EA0

■ 417E15

■ 997EAD

■ 397E09

■ A17EB9

■ 347E00

■ A87EC6

■ AF7ED2

# Harmonies

## Analogous

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



7E7A5A



6D7E61



5C816E

# Triad

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



6D7E61



597D96



986E73

# Complementary

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



6D7E61



72617E

# 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.



926F83



6D7E61



6E7897

# Square

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



6D7E61



4D808D



827390



977065

# Rectangle

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



6D7E61



528279



827390



976E79



# Sweetspot

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



6D7E61



9DA398



7E7261



4E524B



D1D1D1



525252



# Same Dimension

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



6D7E61



88A376



617E63



3C4039



358000



000000



# Inverse Universe

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



72617E



9076A3



7E617C



3D3940



4B0080

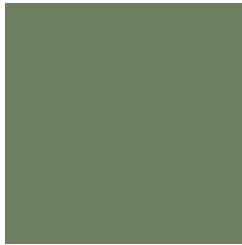


000000



# Previews

## White Background



This preview shows how the Hex color 6D7E61 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

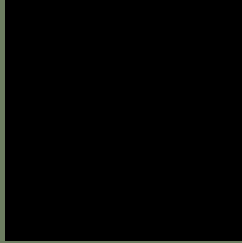
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D7E61 Background



This preview shows how black text looks on a background with the Hex color 6D7E61.



This preview shows how white text looks on a background with the Hex color 6D7E61.

# 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**  
6D7E61

**Protanopia**  
80785E

**Deuteranopia**  
8C7463



**Tritanopia**  
727983

# Trichromacy



**Original Color**  
6D7E61

**Protanomaly**  
797A5F

**Deuteranomaly**  
817862

**Tritanomaly**  
707B77

# Monochromacy



**Original Color**  
6D7E61

**Achromatopsia**  
767676

**Achromatomaly**  
73796E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7E61 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 #6D7E61 looks like.

```
.text, #text, p{  
    color:#6D7E61  
}
```

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 #6D7E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7E61
}
```

## Border

The CSS property to change the border of an element to Hex 6D7E61 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
#6D7E61 }
```

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

```
.border{ border-color:#6D7E61 }
```

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

Here you see how a box with a 4 pixel #6D7E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7E61; -webkit-box-shadow:4px 4px  
4px 4px #6D7E61; box-shadow:4px 4px 4px  
4px #6D7E61 }
```

# Background

The CSS property to change the background color of an element to Hex 6D7E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7E61 }
```

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

```
.background{ background-color:#6D7E61 }
```

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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