

# Converting Colors

Hex(6E4D66)

Have a look what the booklet for  
Hex(6E4D66) contains.

<b>Hex(6E4D66)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6E4D66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4D66
RGB	110, 77, 102
RGB Percent	43%, 30%, 40%
CMY	0.5686, 0.6980, 0.6000
CMYK	0.00, 0.30, 0.07, 0.57
HSL	315°, 18%, 37%
HSV	315°, 30%, 43%
XYZ	11.4826, 9.5821, 13.8147
YIQ	89.7170, 11.6430, 14.7710

# Conversions

## Conversions Part 2

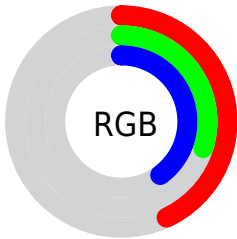
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 77, 102
Decimal	7228774
CIE <sub>Lab</sub>	37.08, 18.37, -8.98
CIE <sub>LCh</sub>	37, 20.450, 333.959
Yxy	9.5821, 0.3292, 0.2747
Android (android.graphics.Color)	4285418854 (0xFF6E4D66)
YUV	89.7170, 6.0555, 17.7882
Hunter-Lab	30.9549, 12.0426, -4.7918

# Details

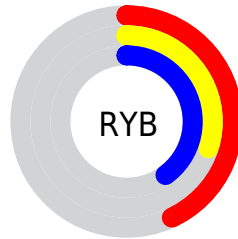
The Hex color **6E4D66** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D6E55**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A27E99**, and **3E2037** is the 20% darker color. If you saturate the color by 10%, you get **6E4263**, and if you desaturate by 10%, it is **6E5869**.

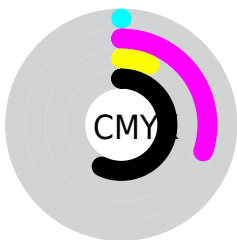
# Distribution



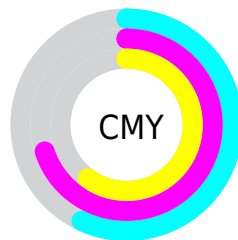
- Red (43%)
- Green (30%)
- Blue (40%)



- Red (43%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (70%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4D66 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 6E4D66 by changing the saturation by 10% instead.



6E4D66

6E4D66

FFFFFF

55364E

A27E99

3E2037

BD98B4

270B22

D9B3CF

0B000A

F6CFEC

000000

FFEBFF

6E4D66

6E4D66

6E4263

6E5869

6E3761

6E636B

6E2C5E

6E6E6E

6E215B

6E7971

6E1659

6E8473

6E0B56

6E8F76

6E0053

6E9A79

6EA57B

6EB07E

# Harmonies

## Analogous

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



5C5273



6E4D66



774B56

# Triad

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



6E4D66



605736



1E6069

# Complementary

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



6E4D66



4D6E55

# 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.



286059



6E4D66



4F5C3B

# Square

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



6E4D66



6E513A



3B5F48



2B5D74

# Rectangle

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



6E4D66



784C4B



3B5F48



1F6064



# Sweetspot

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



6E4D66



8F828C



554D6E



474045



C7C7C7



474747



# Same Dimension

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



6E4D66



8F5B82



6E4D56



383237



78005B



F700BB



# Inverse Universe

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



6E4D66



8F5B82



4D6E65



383237



78005B



F700BB



# Previews

## White Background



This preview shows how the Hex color 6E4D66 looks on a white background.

## Color Contrast Check

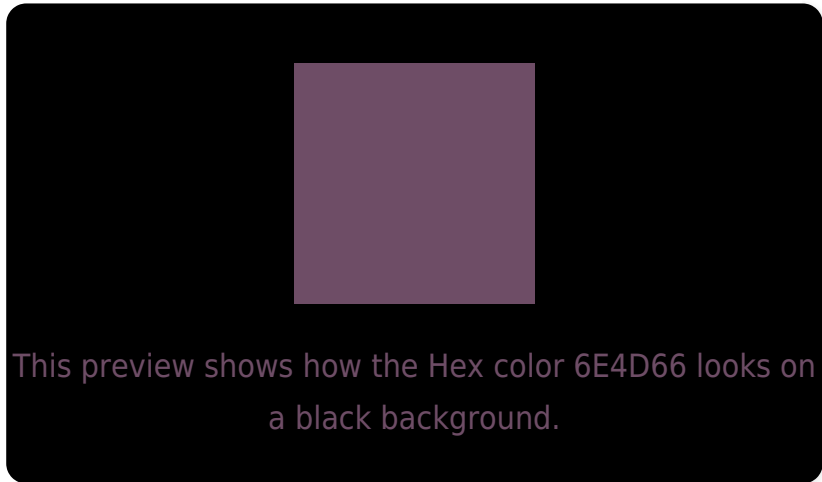
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

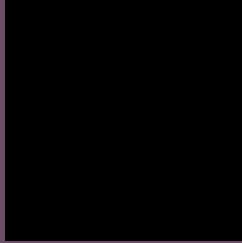
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E4D66 Background



This preview shows how black text looks on a background with the Hex color 6E4D66.



This preview shows how white text looks on a background with the Hex color 6E4D66.

# 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**  
6E4D66

**Protanopia**  
52576D

**Deuteranopia**  
5A5564



**Tritanopia**  
6C5056

# Trichromacy



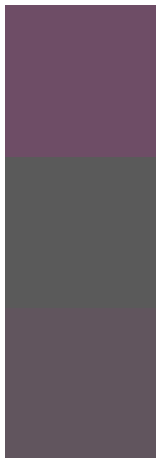
**Original Color**  
6E4D66

**Protanomaly**  
5C536A

**Deuteranomaly**  
615265

**Tritanomaly**  
6D4F5C

# Monochromacy



**Original Color**  
6E4D66

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
61555E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4D66 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 #6E4D66 looks like.

```
.text, #text, p{  
    color:#6E4D66  
}
```

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 #6E4D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4D66  
}
```

## Border

The CSS property to change the border of an element to Hex 6E4D66 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".

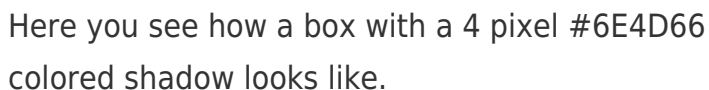
```
.border, #border, table{ border:4px solid  
#6E4D66 }
```

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

```
.border{ border-color:#6E4D66 }
```

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

Here you see how a box with a 4 pixel #6E4D66 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4D66; -webkit-box-shadow:4px 4px  
4px 4px #6E4D66; box-shadow:4px 4px 4px  
4px #6E4D66 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4D66 }
```

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

```
.background{ background-color:#6E4D66 }
```

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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