

# Converting Colors

Hex(6E8071)

Have a look what the booklet for  
Hex(6E8071) contains.

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# Color

**Hex(6E8071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E8071
RGB	110, 128, 113
RGB Percent	43%, 50%, 44%
CMY	0.5686, 0.4980, 0.5569
CMYK	0.14, 0.00, 0.12, 0.50
HSL	130°, 8%, 47%
HSV	130°, 14%, 50%
XYZ	17.1302, 19.9456, 18.5698
YIQ	120.9080, -5.9130, -8.4810

# Conversions

## Conversions Part 2

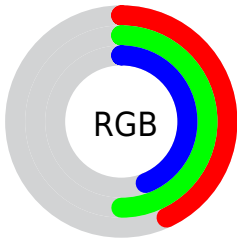
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 125, 128
Decimal	7241841
CIELab	51.78, -9.71, 5.94
CIELCh	52, 11.381, 148.523
Yxy	19.9456, 0.3078, 0.3584
Android (android.graphics.Color)	4285431921 (0xFF6E8071)
YUV	120.9080, -3.8986, -9.5663
Hunter-Lab	44.6605, -9.6894, 6.6096

# Details

The Hex color **6E8071** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806E7D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2B5A5**, and **3E4F41** is the 20% darker color. If you saturate the color by 10%, you get **618066**, and if you desaturate by 10%, it is **7B807C**.

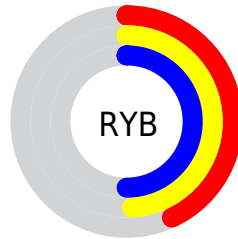
# Distribution



Red (43%)

Green (50%)

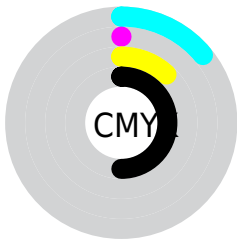
Blue (44%)



Red (43%)

Yellow (49%)

Blue (50%)

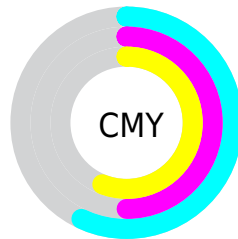


Cyan (14%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (57%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E8071 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 6E8071 by changing the saturation by 10% instead.





6E8071



6E8071

FFFFFF



566759



A2B5A5



3E4F41



BDD0C0



28382B



D9EDDC



132217



F5FFF8



000C00



000000



6E8071



6E8071



618066



7B807C



54805C



888086

 488051


 948091

 3B8046

 A1809C

 2E803C

 AE80A6

 218031

 BB80B1

 148026

 C880BC

 08801C

 D480C6

 008015

 E180D1

# Harmonies

## Analogous

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



797E6A



6E8071



65817B

# Triad

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



6E8071



707C8F



907573

# Complementary

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



6E8071



806E7D

# 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.



8F757C



6E8071



7D798C

# Square

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



6E8071



667F8C



887686



8C776B

# Rectangle

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



6E8071



638181



887686



907576



# Sweetspot

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



6E8071



9FA6A0



7D806E



505451



D4D4D4



545454



# Same Dimension

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



6E8071



8AA68E



6E807A



39403A



008015



000000



# Inverse Universe

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



806E7D



A68AA1



806E74



40393F



80006A



000000



# Previews

## White Background



This preview shows how the Hex color 6E8071 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

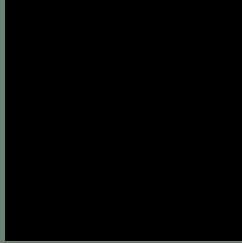
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6E8071 Background



This preview shows how black text looks on a background with the Hex color 6E8071.



This preview shows how white text looks on a background with the Hex color 6E8071.

# 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](#).

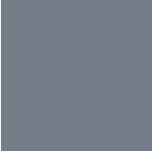
## Dichromacy



**Original Color**  
6E8071

**Protanopia**  
807B6E

**Deuteranopia**  
8A7773



**Tritanopia**  
727D87

# Trichromacy



**Original Color**  
6E8071

**Protanomaly**  
797D6F

**Deuteranomaly**  
807A72

**Tritanomaly**  
717E7F

# Monochromacy



**Original Color**  
6E8071

**Achromatopsia**  
797979

**Achromatomaly**  
757C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E8071 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 #6E8071 looks like.

```
.text, #text, p{  
    color:#6E8071  
}
```

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 #6E8071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8071
}
```

## Border

The CSS property to change the border of an element to Hex 6E8071 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
#6E8071 }
```

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

```
.border{ border-color:#6E8071 }
```

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

Here you see how a box with a 4 pixel #6E8071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8071; -webkit-box-shadow:4px 4px  
4px 4px #6E8071; box-shadow:4px 4px 4px  
4px #6E8071 }
```

# Background

The CSS property to change the background color of an element to Hex 6E8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8071 }
```

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

```
.background{ background-color:#6E8071 }
```

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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