

# Converting Colors

Hex(6E766C)

Have a look what the booklet for  
Hex(6E766C) contains.

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# Color

Hex(6E766C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6E766C                     |
| RGB           | 110, 118, 108              |
| RGB Percent   | 43%, 46%, 42%              |
| CMY           | 0.5686, 0.5373, 0.5765     |
| CMYK          | 0.07, 0.00, 0.08, 0.54     |
| HSL           | 108°, 4%, 44%              |
| HSV           | 108°, 8%, 46%              |
| XYZ           | 15.6156, 17.3546, 16.7141  |
| YIQ           | 114.4680, -1.5580, -4.8060 |

# Conversions

## Conversions Part 2

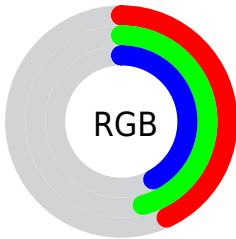
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 108, 118, 116                 |
| Decimal                             | 7239276                       |
| CIE Lab                             | 48.70, -5.05, 4.47            |
| CIE LCh                             | 49, 6.742, 138.463            |
| Yxy                                 | 17.3546, 0.3143,<br>0.3493    |
| Android<br>(android.graphics.Color) | 4285429356<br>(0xFF6E766C)    |
| YUV                                 | 114.4680, -3.1887,<br>-3.9184 |
| Hunter-Lab                          | 41.6588, -5.9930,<br>5.3732   |

# Details

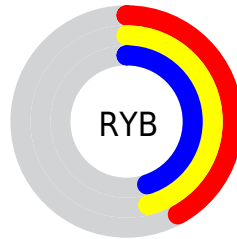
The Hex color **6E766C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746C76**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A2AA9F**, and **3E463D** is the 20% darker color. If you saturate the color by 10%, you get **657660**, and if you desaturate by 10%, it is **777678**.

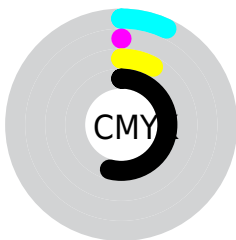
# Distribution



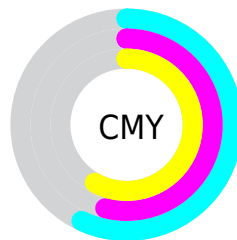
- Red (43%)
- Green (46%)
- Blue (42%)



- Red (42%)
- Yellow (46%)
- Blue (45%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E766C 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 6E766C by changing the saturation by 10% instead.





6E766C



6E766C

FFFFFF



565D54



A2AA9F



3E463D



BDC5BA



292F27



D8E1D6



141B12



F5FEF2



000000



6E766C



6E766C



657660



777678



5B7654



817684



527649



8A768F

■ 48763D

■ 94769B

■ 3F7631

■ 9D76A7

■ 357625

■ A776B3

■ 2C7619

■ B076BF

■ 22760E

■ BA76CA

■ 197602

■ C376D6

# Harmonies

## Analogous

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



757469



6E766C



687771

# Triad

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



6E766C



6B757F



807070

# Complementary

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



6E766C



746C76

# 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.



7E7076



6E766C



72737E

# Square

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



6E766C



67767C



79717B



7F716B

# Rectangle

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



6E766C



667775



79717B



807072



# Sweetspot

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



6E766C



959994



76746C



4A4D49



CCCCCC



4D4D4D



# Same Dimension

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



6E766C



8D998A



6C766F



363B35



187A00



32FA00



# Inverse Universe

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



746C76



968A99



766C73



39353B



62007A



C800FA



# Previews

## White Background



This preview shows how the Hex color 6E766C looks on a white background.

## Color Contrast Check

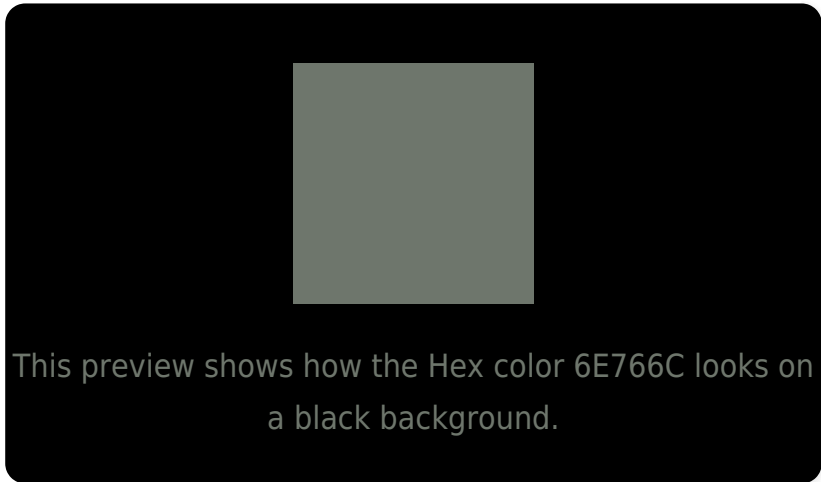
Large Text (above 18pt) WCAG AA ✓ Pass

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

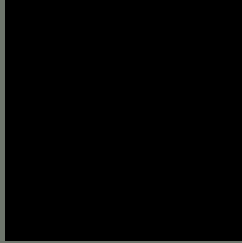
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

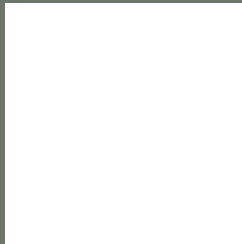
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E766C Background



This preview shows how black text looks on a background with the Hex color 6E766C.

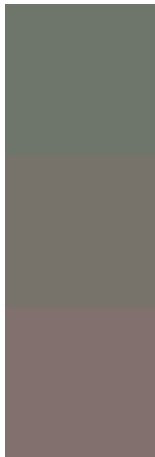


This preview shows how white text looks on a background with the Hex color 6E766C.

# 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**  
6E766C

**Protanopia**  
78736A

**Deuteranopia**  
81706D



**Tritanopia**  
71747D

# Trichromacy



**Original Color**  
6E766C

**Protanomaly**  
74746B

**Deuteranomaly**  
7A726D

**Tritanomaly**  
707577

# Monochromacy



**Original Color**  
6E766C

**Achromatopsia**  
727272

**Achromatomaly**  
717370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E766C 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 #6E766C looks like.

```
.text, #text, p{  
    color:#6E766C  
}
```

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 #6E766C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E766C
}
```

## Border

The CSS property to change the border of an element to Hex 6E766C is called "border". The border property can be set on classes, ids or directly on the HTML element.

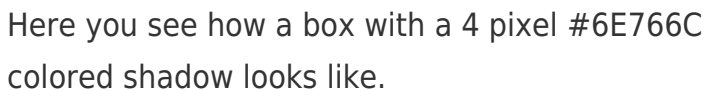
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E766C }
```

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

```
.border{ border-color:#6E766C }
```

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



Here you see how a box with a 4 pixel #6E766C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E766C; -webkit-box-shadow:4px 4px  
4px 4px #6E766C; box-shadow:4px 4px 4px  
4px #6E766C }
```

# Background

The CSS property to change the background color of an element to Hex 6E766C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E766C }
```

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

```
.background{ background-color:#6E766C }
```

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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