

# Converting Colors

Hex(6D767E)

Have a look what the booklet for  
Hex(6D767E) contains.

<b>Hex(6D767E)</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(6D767E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D767E
RGB	109, 118, 126
RGB Percent	43%, 46%, 49%
CMY	0.5725, 0.5373, 0.5059
CMYK	0.13, 0.06, 0.00, 0.51
HSL	208°, 7%, 46%
HSV	208°, 13%, 49%
XYZ	16.5510, 17.7144, 22.2856
YIQ	116.2210, -7.9320, 0.5800

# Conversions

## Conversions Part 2

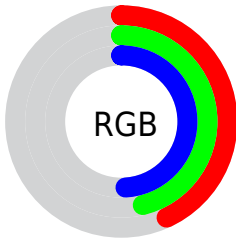
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 115, 126
Decimal	7173758
CIELab	49.15, -1.60, -5.54
CIELCh	49, 5.767, 253.900
Yxy	17.7144, 0.2927, 0.3132
Android (android.graphics.Color)	4285363838 (0xFF6D767E)
YUV	116.2210, 4.8210, -6.3328
Hunter-Lab	42.0885, -3.4611, -1.9317

# Details

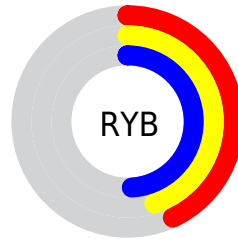
The Hex color **6D767E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E756D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A1AAB3**, and **3D464D** is the 20% darker color. If you saturate the color by 10%, you get **60707E**, and if you desaturate by 10%, it is **7A7C7E**.

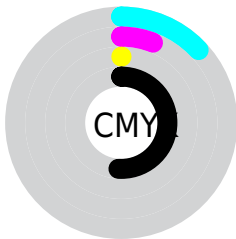
# Distribution



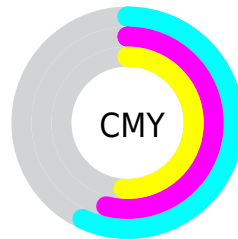
- Red (43%)
- Green (46%)
- Blue (49%)



- Red (43%)
- Yellow (45%)
- Blue (49%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (54%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D767E 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 6D767E by changing the saturation by 10% instead.



■ 6D767E

■ 6D767E

FFFFFF

■ 555D65

■ A1AAB3

■ 3D464D

■ BCC5CE

■ 273036

■ D7E1EA

■ 131B21

■ F4FEFF

■ 00000A

■ 000000

■ 6D767E

■ 6D767E

■ 60707E

■ 7A7C7E

■ 546A7E

■ 86827E

47647E

93887E

3B5E7E

9F8E7E

2E587E

AC947E

21527E

B99A7E

154C7E

C5A07E

08477E

D2A57E

00437E

DEAB7E

# Harmonies

## Analogous

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



69777B



6D767E



73747E

# Triad

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



6D767E



7F7273



71776E

# Complementary

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



6D767E



7E756D

# 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.



76756B



6D767E



7F726E

# Square

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



6D767E



7D7278



7C746C



6C7872

# Rectangle

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



6D767E



77737D



7C746C



73766D



# Sweetspot

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



6D767E



9DA0A3



6D7E75



4E5052



D1D1D1



525252



# Same Dimension

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



6D767E



8997A3



6D6E7E



393D40



004480



000000



# Inverse Universe

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



7E6D76



A38997



7E7D6D



40393D



800043



000000



# Previews

## White Background



This preview shows how the Hex color 6D767E 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 ✓ Pass

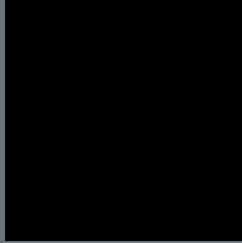
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

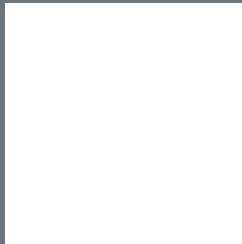
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D767E Background



This preview shows how black text looks on a background with the Hex color 6D767E.



This preview shows how white text looks on a background with the Hex color 6D767E.

# 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**  
6D767E

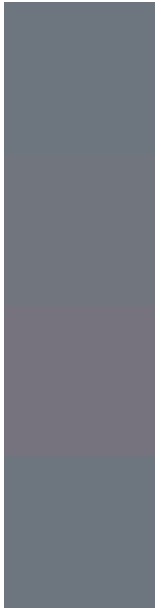
**Protanopia**  
74747D

**Deuteranopia**  
7B717F



**Tritanopia**  
6D767F

# Trichromacy



**Original Color**  
6D767E

**Protanomaly**  
71757D

**Deuteranomaly**  
76737F

**Tritanomaly**  
6D767F

# Monochromacy



**Original Color**  
6D767E

**Achromatopsia**  
747474

**Achromatomaly**  
717578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D767E 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 #6D767E looks like.

```
.text, #text, p{  
    color:#6D767E  
}
```

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 #6D767E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D767E
}
```

## Border

The CSS property to change the border of an element to Hex 6D767E is called "border". The border property can be set on classes, ids or directly on the HTML element.

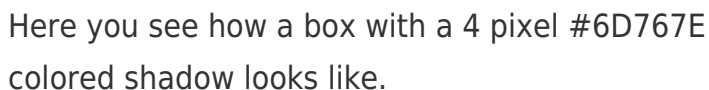
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D767E }
```

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

```
.border{ border-color:#6D767E }
```

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



Here you see how a box with a 4 pixel #6D767E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D767E; -webkit-box-shadow:4px 4px  
4px 4px #6D767E; box-shadow:4px 4px 4px  
4px #6D767E }
```

# Background

The CSS property to change the background color of an element to Hex 6D767E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D767E }
```

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

```
.background{ background-color:#6D767E }
```

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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