

# Converting Colors

Hex(66737C)

Have a look what the booklet for  
Hex(66737C) contains.

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# Color

Hex(66737C)

# Conversions

## Conversions Part 1

Format	Color
Hex	66737C
RGB	102, 115, 124
RGB Percent	40%, 45%, 49%
CMY	0.6000, 0.5490, 0.5137
CMYK	0.18, 0.07, 0.00, 0.51
HSL	205°, 10%, 44%
HSV	205°, 18%, 49%
XYZ	15.2483, 16.5415, 21.4579
YIQ	112.1390, -10.6370, 0.0430

# Conversions

## Conversions Part 2

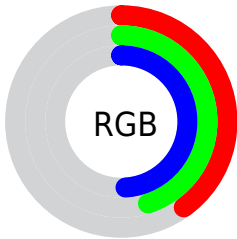
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 110, 124
Decimal	6714236
CIE <sub>Lab</sub>	47.68, -2.79, -6.60
CIE <sub>LCh</sub>	48, 7.163, 247.115
Yxy	16.5415, 0.2864, 0.3107
Android (android.graphics.Color)	4284904316 (0xFF66737C)
YUV	112.1390, 5.8475, -8.8919
Hunter-Lab	40.6712, -4.2520, -2.8113

# Details

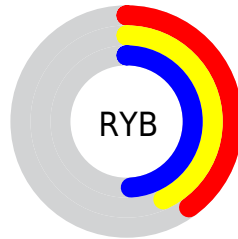
The Hex color **66737C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6F66**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **99A7B0**, and **37434B** is the 20% darker color. If you saturate the color by 10%, you get **5A6E7C**, and if you desaturate by 10%, it is **72787C**.

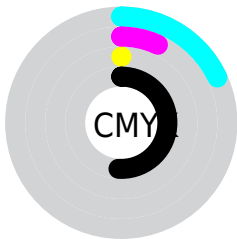
# Distribution



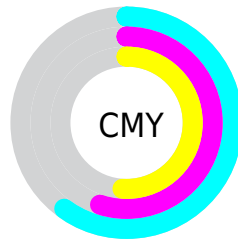
- Red (40%)
- Green (45%)
- Blue (49%)



- Red (40%)
- Yellow (43%)
- Blue (49%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66737C 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 66737C by changing the saturation by 10% instead.



■ 66737C

■ 66737C

FFFFFF

■ 4E5A63

■ 99A7B0

■ 37434B

■ B4C2CC

■ 212D35

■ D0DEE8

■ 0C181F

■ ECFBFF

■ 000006

■ 000000

■ 66737C

■ 66737C

■ 5A6E7C

■ 72787C

■ 4D697C

■ 7F7D7C

41647C

8B827C

345F7C

98877C

285A7C

A48C7C

1C557C

B0917C

0F4F7C

BD977C

034A7C

C99C7C

00497C

D6A17C

# Harmonies

## Analogous

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



627478



66737C



6D717D

# Triad

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



66737C



7E6D70



6E7367

# Complementary

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



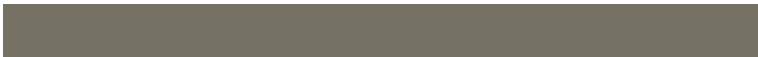
66737C



7C6F66

# 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.



757165



66737C



7E6E6A

# Square

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



66737C



7A6E76



7A6F66



67746C

# Rectangle

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



66737C



72707C



7A6F66



707266



# Sweetspot

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



66737C



999DA1



667C6F



4D5052



D1D1D1



525252



# Same Dimension

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



66737C



7F93A1



66687C



373B3D



004A7D



0095FC



# Inverse Universe

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



7C6673



A17F93



7C7A66



3D373B



7D004A



FC0095



# Previews

## White Background



This preview shows how the Hex color 66737C looks on a white background.

## Color Contrast Check

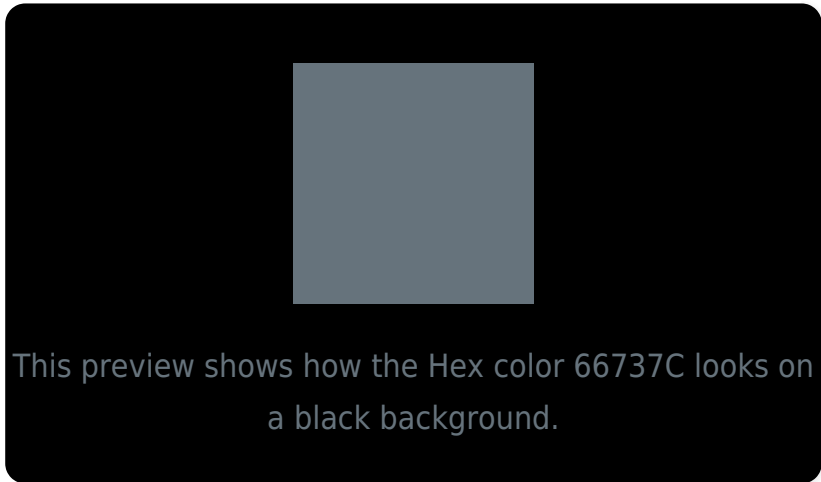
Large Text (above 18pt) WCAG AA ✓ Pass

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

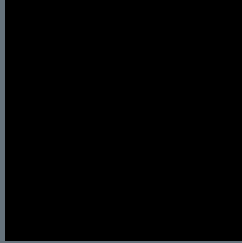
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

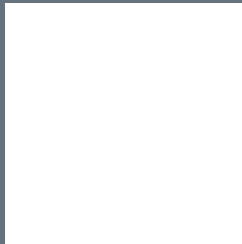
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66737C Background



This preview shows how black text looks on a background with the Hex color 66737C.



This preview shows how white text looks on a background with the Hex color 66737C.

# 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



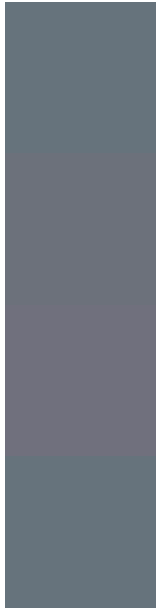
**Original Color**  
66737C

**Protanopia**  
70707A

**Deuteranopia**  
766E7D



# Trichromacy



**Original Color**  
66737C

**Protanomaly**  
6C717B

**Deuteranomaly**  
70707D

**Tritanomaly**  
66737C

# Monochromacy



**Original Color**  
66737C

**Achromatopsia**  
707070

**Achromatomaly**  
6C7174

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66737C 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 #66737C looks like.

```
.text, #text, p{  
    color:#66737C  
}
```

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 #66737C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66737C
}
```

## Border

The CSS property to change the border of an element to Hex 66737C is called "border". The border property can be set on classes, ids or directly on the HTML element.

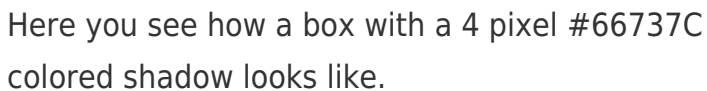
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66737C }
```

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

```
.border{ border-color:#66737C }
```

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



Here you see how a box with a 4 pixel #66737C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66737C; -webkit-box-shadow:4px 4px  
4px 4px #66737C; box-shadow:4px 4px 4px  
4px #66737C }
```

# Background

The CSS property to change the background color of an element to Hex 66737C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66737C }
```

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

```
.background{ background-color:#66737C }
```

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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