

# Converting Colors

Hex(63777C)

Have a look what the booklet for  
Hex(63777C) contains.

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# Color

Hex(63777C)

# Conversions

## Conversions Part 1

Format	Color
Hex	63777C
RGB	99, 119, 124
RGB Percent	39%, 47%, 49%
CMY	0.6118, 0.5333, 0.5137
CMYK	0.20, 0.04, 0.00, 0.51
HSL	192°, 11%, 44%
HSV	192°, 20%, 49%
XYZ	15.3805, 17.3015, 21.5977
YIQ	113.5900, -13.5250, -2.6850

# Conversions

## Conversions Part 2

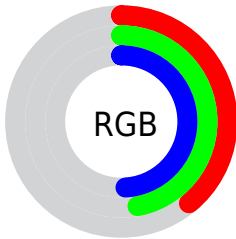
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 110, 124
Decimal	6518652
CIE Lab	48.64, -6.14, -5.20
CIE LCh	49, 8.046, 220.217
Yxy	17.3015, 0.2834, 0.3187
Android (android.graphics.Color)	4284708732 (0xFF63777C)
YUV	113.5900, 5.1321, -12.7954
Hunter-Lab	41.5951, -6.7880, -1.6689

# Details

The Hex color **63777C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6863**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **96ABB0**, and **34474B** is the 20% darker color. If you saturate the color by 10%, you get **57757C**, and if you desaturate by 10%, it is **6F797C**.

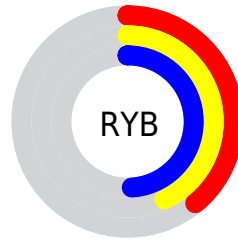
# Distribution



Red (39%)

Green (47%)

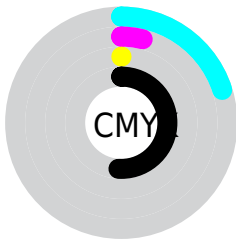
Blue (49%)



Red (39%)

Yellow (43%)

Blue (49%)

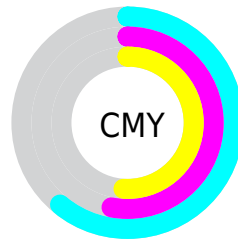


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (53%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63777C 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 63777C by changing the saturation by 10% instead.



■ 63777C

■ 63777C

FFFFFF

■ 4B5E63

■ 96ABB0

■ 34474B

■ B1C6CC

■ 1E3035

■ CDE2E8

■ 081B1F

■ E9FFFF

■ 000007

■ 000000

■ 63777C

■ 63777C

■ 57757C

■ 6F797C

■ 4A727C

■ 7C7C7C

3E707C

887E7C

316D7C

95817C

256B7C

A1837C

19687C

AD867C

0C667C

BA887C

00637C

C68B7C

D38D7C

# Harmonies

## Analogous

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



637876



63777C



687580

# Triad

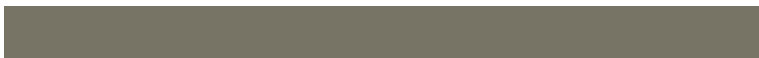
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63777C



7F6F78



777466

# Complementary

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



63777C



7C6863

# 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.



7D7267



63777C



826F71

# Square

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



63777C



78717E



82706B



6F7669

# Rectangle

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



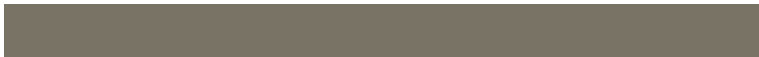
63777C



6C7481



82706B



797366



# Sweetspot

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



63777C



979FA1



637C68



4C5052



D1D1D1



525252



# Same Dimension

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



63777C



7A99A1



636B7C



373C3D



00647D



00CAFC



# Inverse Universe

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



7C6377



A17A99



7C7563



3D373C



7D0064



FC00CA



# Previews

## White Background



This preview shows how the Hex color 63777C 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

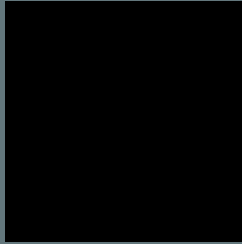
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

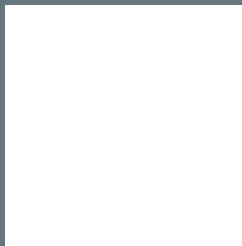
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63777C Background



This preview shows how black text looks on a background with the Hex color 63777C.



This preview shows how white text looks on a background with the Hex color 63777C.

# 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**  
63777C

**Protanopia**  
747379

**Deuteranopia**  
7A707D



**Tritanopia**  
647680

# Trichromacy



**Original Color**  
63777C

**Protanomaly**  
6E747A

**Deuteranomaly**  
72737D

**Tritanomaly**  
64767F

# Monochromacy



**Original Color**  
63777C

**Achromatopsia**  
727272

**Achromatomaly**  
6D7476

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63777C 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 #63777C looks like.

```
.text, #text, p{  
    color:#63777C  
}
```

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 #63777C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63777C
}
```

## Border

The CSS property to change the border of an element to Hex 63777C is called "border". The border property can be set on classes, ids or directly on the HTML element.

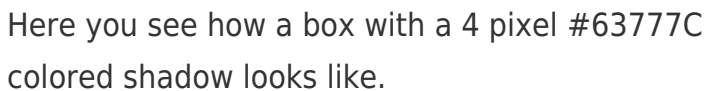
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63777C }
```

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

```
.border{ border-color:#63777C }
```

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



Here you see how a box with a 4 pixel #63777C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63777C; -webkit-box-shadow:4px 4px  
4px 4px #63777C; box-shadow:4px 4px 4px  
4px #63777C }
```

# Background

The CSS property to change the background color of an element to Hex 63777C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63777C }
```

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

```
.background{ background-color:#63777C }
```

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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