

Converting Colors

Hex(60747C)

Have a look what the booklet for
Hex(60747C) contains.

Hex(60747C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60747C)

Conversions

Conversions Part 1

Format	Color
Hex	60747C
RGB	96, 116, 124
RGB Percent	38%, 45%, 49%
CMY	0.6235, 0.5451, 0.5137
CMYK	0.23, 0.06, 0.00, 0.51
HSL	197°, 13%, 43%
HSV	197°, 23%, 49%
XYZ	14.7074, 16.4328, 21.4655
YIQ	110.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

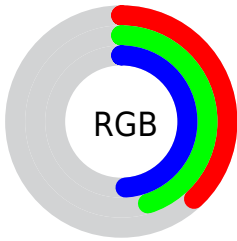
Format	Color
R_{YB}	96, 108, 124
Decimal	6321276
CIE _{Lab}	47.54, -5.43, -6.85
CIE _{LCh}	48, 8.747, 231.587
Yxy	16.4328, 0.2796, 0.3124
Android (android.graphics.Color)	4284511356 (0xFF60747C)
YUV	110.9320, 6.4425, -13.0954
Hunter-Lab	40.5374, -6.1790, -3.0192

Details

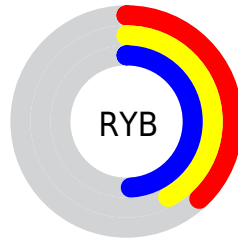
The Hex color **60747C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6860**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93A8B0**, and **31444B** is the 20% darker color. If you saturate the color by 10%, you get **54707C**, and if you desaturate by 10%, it is **6C787C**.

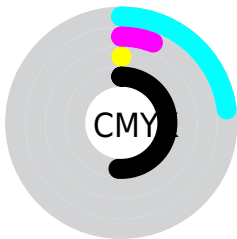
Distribution



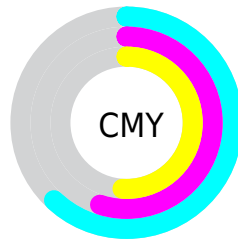
- Red (38%)
- Green (45%)
- Blue (49%)



- Red (38%)
- Yellow (42%)
- Blue (49%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60747C 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 60747C by changing the saturation by 10% instead.



60747C



60747C

FFFFFF



485B63



93A8B0



31444B



AEC3CC



1B2E35



C9DFE8



04191F



E5FCFF



000006



000000



60747C



60747C



54707C



6C787C



476D7C



797B7C

■ 3B697C

■ 857F7C

■ 2E667C

■ 92827C

■ 22627C

■ 9E867C

■ 165F7C

■ AA897C

■ 095B7C

■ B78D7C

■ 00597C

■ C3907C

■ D0947C

Harmonies

Analogous

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



5E7576



60747C



67727F

Triad

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



60747C



7F6C73



717263

Complementary

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



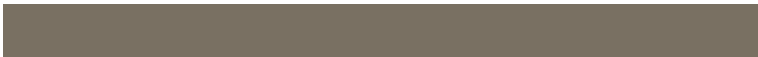
60747C



7C6860

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.



797062



60747C



816C6C

Square

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



60747C



786D7A



7F6D66



697467

Rectangle

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



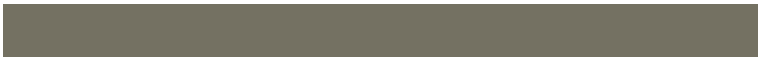
60747C



6D707F



7F6D66



747162

Sweetspot

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



60747C



959DA1



607C68



4B5052



D1D1D1



525252

Same Dimension

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



60747C



7594A1



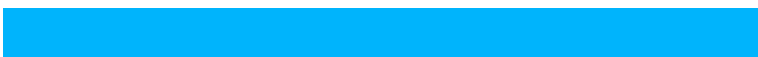
60667C



373B3D



00597D



00B4FC

Inverse Universe

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



7C6074



A17594



7C7660



3D373B



7D0059



FC00B4

Previews

White Background



This preview shows how the Hex color 60747C looks on a white background.

Color Contrast Check

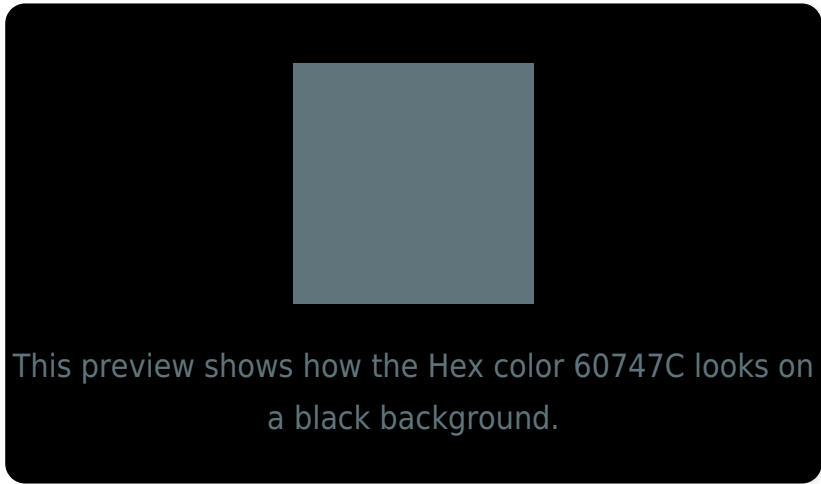
Large Text (above 18pt) WCAG AA ✓ Pass

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

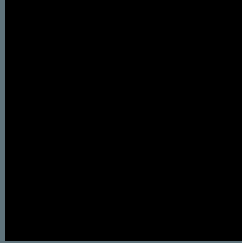
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

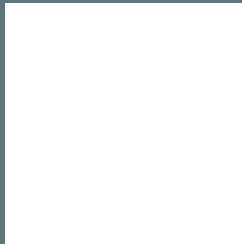
Any Text WCAG AAA × Fail

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

Hex 60747C Background



This preview shows how black text looks on a background with the Hex color 60747C.

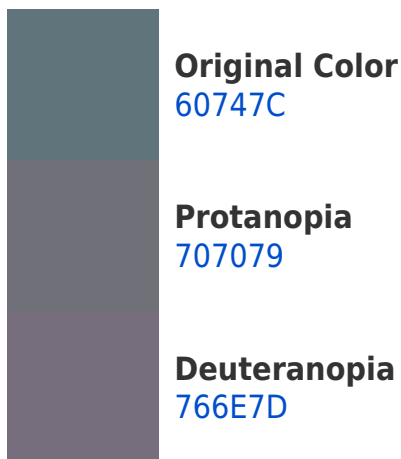


This preview shows how white text looks on a background with the Hex color 60747C.

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](#).

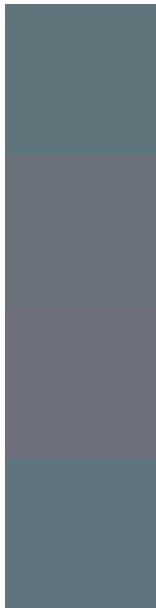
Dichromacy





Tritanopia
60747D

Trichromacy



Original Color
60747C

Protanomaly
6A717A

Deuteranomaly
6E707D

Tritanomaly
60747D

Monochromacy



Original Color
60747C

Achromatopsia
6F6F6F

Achromatomaly
6A7174

CSS Examples

Text

The CSS property to change the color of the text to Hex 60747C 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 #60747C looks like.

```
.text, #text, p{  
    color:#60747C  
}
```

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 #60747C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60747C
}
```

Border

The CSS property to change the border of an element to Hex 60747C is called "border". The border property can be set on classes, ids or directly on the HTML element.

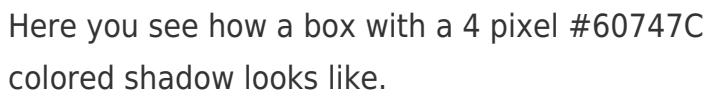
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60747C }
```

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

```
.border{ border-color:#60747C }
```

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



Here you see how a box with a 4 pixel #60747C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60747C; -webkit-box-shadow:4px 4px  
4px 4px #60747C; box-shadow:4px 4px 4px  
4px #60747C }
```

Background

The CSS property to change the background color of an element to Hex 60747C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60747C }
```

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

```
.background{ background-color:#60747C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor