

Converting Colors

Hex(76647C)

Have a look what the booklet for
Hex(76647C) contains.

Hex(76647C)	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(76647C)

Conversions

Conversions Part 1

Format	Color
Hex	76647C
RGB	118, 100, 124
RGB Percent	46%, 39%, 49%
CMY	0.5373, 0.6078, 0.5137
CMYK	0.05, 0.19, 0.00, 0.51
HSL	285°, 11%, 44%
HSV	285°, 19%, 49%
XYZ	15.6665, 14.4211, 21.0266
YIQ	108.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

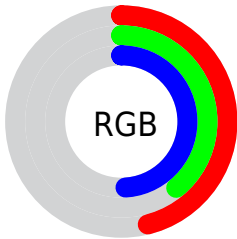
Format	Color
R_{YB}	118, 100, 124
Decimal	7758972
CIE Lab	44.83, 11.94, -10.72
CIE LCh	45, 16.050, 318.086
Yxy	14.4211, 0.3065, 0.2821
Android (android.graphics.Color)	4285949052 (0xFF76647C)
YUV	108.1180, 7.8298, 8.6665
Hunter-Lab	37.9752, 7.1828, -6.2459

Details

The Hex color **76647C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7C64**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AA97B1**, and **45354B** is the 20% darker color. If you saturate the color by 10%, you get **73587C**, and if you desaturate by 10%, it is **79707C**.

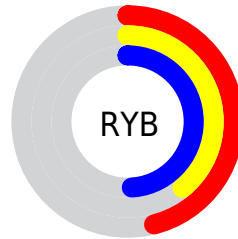
Distribution



Red (46%)

Green (39%)

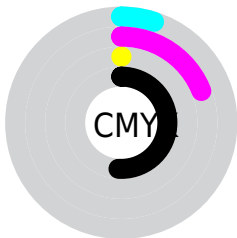
Blue (49%)



Red (46%)

Yellow (39%)

Blue (49%)

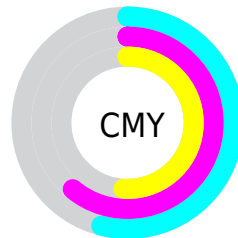


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76647C 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 76647C by changing the saturation by 10% instead.

■ 76647C

■ 76647C

FFFFFF

■ 5D4C63

■ AA97B1

■ 45354B

■ C6B2CC

■ 2F2034

■ E2CDE8

■ 1B091F

■ FEE9FF

■ 000004

■ 000000

■ 76647C

■ 76647C

■ 73587C

■ 79707C

■ 704B7C

■ 7C7D7C

6D3F7C

7F897C

6A327C

82967C

67267C

86A27C

631A7C

89AE7C

600D7C

8CBB7C

5D017C

8FC77C

5D007C

92D47C

Harmonies

Analogous

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



656883



76647C



816170

Triad

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



76647C



796750



457272

Complementary

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



76647C



6A7C64

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.



4E7164



76647C



6C6C51

Square

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



76647C



826357



5C6F58



46707D

Rectangle

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



76647C



856067



5C6F58



47726D

Sweetspot

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



76647C



9E97A1



646A7C



504C52



D1D1D1



525252

Same Dimension

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



76647C



977CA1



7C6476



3C373D



5E007D



BD00FC

Inverse Universe

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



7C646A



A17C85



647C6A



3D3739



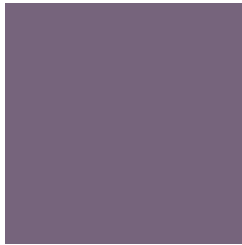
7D001F



FC003F

Previews

White Background



This preview shows how the Hex color 76647C looks on a white background.

Color Contrast Check

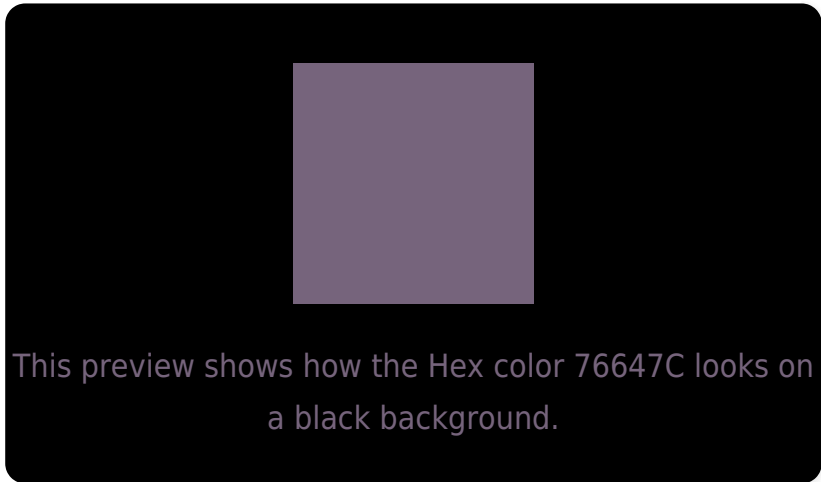
Large Text (above 18pt) WCAG AA ✓ Pass

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

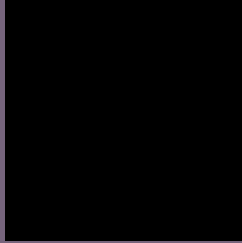
Any Text WCAG AA × Fail

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 76647C Background



This preview shows how black text looks on a background with the Hex color 76647C.



This preview shows how white text looks on a background with the Hex color 76647C.

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
76647C

Protanopia
65697F

Deuteranopia
6C687B



Tritanopia
74666E

Trichromacy



Original Color
76647C

Protanomaly
6B677E

Deuteranomaly
70677B

Tritanomaly
756573

Monochromacy



Original Color
76647C

Achromatopsia
6C6C6C

Achromatomaly
706972

CSS Examples

Text

The CSS property to change the color of the text to Hex 76647C 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 #76647C looks like.

```
.text, #text, p{  
    color:#76647C  
}
```

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 #76647C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76647C
}
```

Border

The CSS property to change the border of an element to Hex 76647C is called "border". The border property can be set on classes, ids or directly on the HTML element.

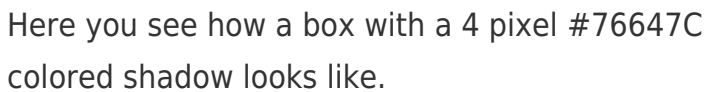
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76647C }
```

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

```
.border{ border-color:#76647C }
```

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



Here you see how a box with a 4 pixel `#76647C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76647C; -webkit-box-shadow:4px 4px  
4px 4px #76647C; box-shadow:4px 4px 4px  
4px #76647C }
```

Background

The CSS property to change the background color of an element to Hex 76647C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76647C }
```

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

```
.background{ background-color:#76647C }
```

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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