

Converting Colors

Hex(76607B)

Have a look what the booklet for
Hex(76607B) contains.

Hex(76607B)	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(76607B)

Conversions

Conversions Part 1

Format	Color
Hex	76607B
RGB	118, 96, 123
RGB Percent	46%, 38%, 48%
CMY	0.5373, 0.6235, 0.5176
CMYK	0.04, 0.22, 0.00, 0.52
HSL	289°, 12%, 43%
HSV	289°, 22%, 48%
XYZ	15.2292, 13.6474, 20.5704
YIQ	105.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

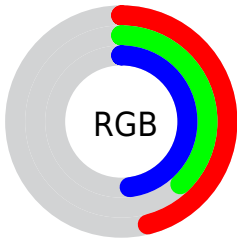
Format	Color
R_{YB}	118, 96, 123
Decimal	7757947
CIE _{Lab}	43.72, 14.14, -11.79
CIE _{LCh}	44, 18.414, 320.189
Yxy	13.6474, 0.3080, 0.2760
Android (android.graphics.Color)	4285948027 (0xFF76607B)
YUV	105.6560, 8.5506, 10.8257
Hunter-Lab	36.9423, 8.9364, -7.1546

Details

The Hex color **76607B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **657B60**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AA93AF**, and **45324A** is the 20% darker color. If you saturate the color by 10%, you get **74547B**, and if you desaturate by 10%, it is **786C7B**.

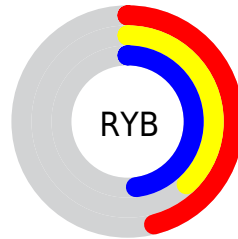
Distribution



Red (46%)

Green (38%)

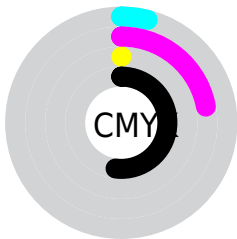
Blue (48%)



Red (46%)

Yellow (38%)

Blue (48%)

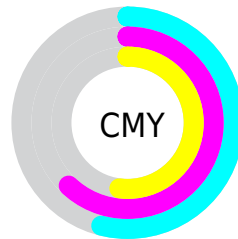


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76607B 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 76607B by changing the saturation by 10% instead.

76607B

76607B

FFFFFF

5D4862

AA93AF

45324A

C6ADCB

2F1C34

E2C9E7

1B041F

FFE5FF

000002

000000

76607B

76607B

74547B

786C7B

71477B

7B797B

6F3B7B

7D857B

6D2F7B

7F917B

6B237B

819E7B

68167B

84AA7B

660A7B

86B67B

64007B

88C27B

8ACF7B

Harmonies

Analogous

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



636584



76607B



825D6D

Triad

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



76607B



776549



3A7071

Complementary

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



76607B



657B60

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.



457062



76607B



686A4A

Square

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



76607B



826050



566D53



3D6E7E

Rectangle

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



76607B



865C63



566D53



3D706C

Sweetspot

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



76607B



9F95A1



60657B



504B52



D1D1D1



525252

Same Dimension

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



76607B



9977A1



7B6073



3C373D



66007D



CE00FC

Inverse Universe

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



7B6065



A1777F



607B68



3D3738



7D0017



FC002F

Previews

White Background



This preview shows how the Hex color 76607B looks on a white background.

Color Contrast Check

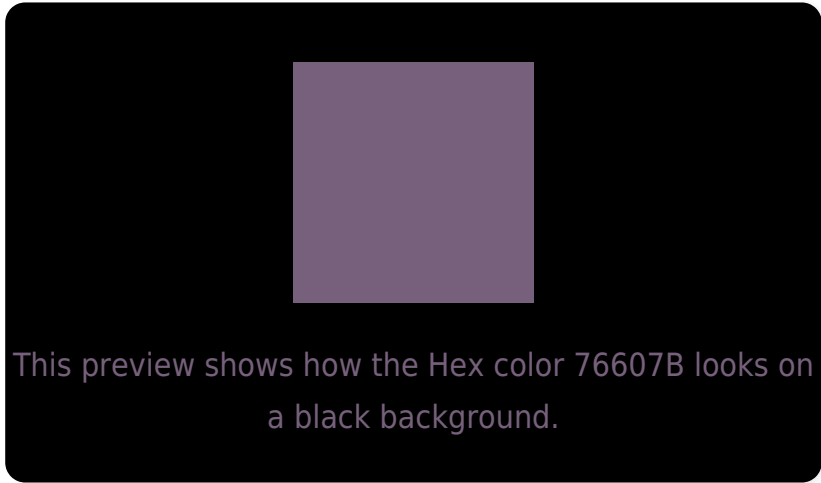
Large Text (above 18pt) WCAG AA ✓ Pass

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

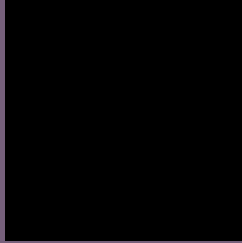
Any Text WCAG AA × Fail

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 76607B Background



This preview shows how black text looks on a background with the Hex color 76607B.



This preview shows how white text looks on a background with the Hex color 76607B.

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
76607B

Protanopia
62667F

Deuteranopia
69657A



Tritanopia
74636B

Trichromacy



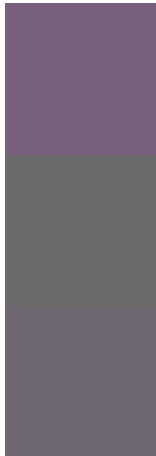
Original Color
76607B

Protanomaly
69647E

Deuteranomaly
6E637A

Tritanomaly
756271

Monochromacy



Original Color
76607B

Achromatopsia
6A6A6A

Achromatomaly
6E6670

CSS Examples

Text

The CSS property to change the color of the text to Hex 76607B 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 #76607B looks like.

```
.text, #text, p{  
    color:#76607B  
}
```

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 #76607B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76607B  
}
```

Border

The CSS property to change the border of an element to Hex 76607B is called "border". The border property can be set on classes, ids or directly on the HTML element.

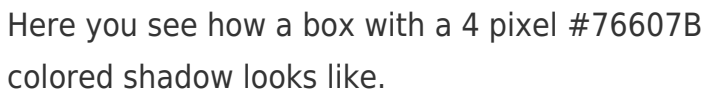
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#76607B }
```

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

```
.border{ border-color:#76607B }
```

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



Here you see how a box with a 4 pixel `#76607B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76607B; -webkit-box-shadow:4px 4px  
4px 4px #76607B; box-shadow:4px 4px 4px  
4px #76607B }
```

Background

The CSS property to change the background color of an element to Hex 76607B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76607B }
```

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

```
.background{ background-color:#76607B }
```

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