

Converting Colors

Hex(7B607E)

Have a look what the booklet for
Hex(7B607E) contains.

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Color

Hex(7B607E)

Conversions

Conversions Part 1

Format	Color
Hex	7B607E
RGB	123, 96, 126
RGB Percent	48%, 38%, 49%
CMY	0.5176, 0.6235, 0.5059
CMYK	0.02, 0.24, 0.00, 0.51
HSL	294°, 14%, 44%
HSV	294°, 24%, 49%
XYZ	16.1171, 14.0831, 21.6075
YIQ	107.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

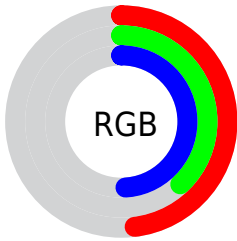
Format	Color
R_{YB}	123, 96, 126
Decimal	8085630
CIE _{Lab}	44.35, 16.61, -12.60
CIE _{LCh}	44, 20.852, 322.815
Yxy	14.0831, 0.3111, 0.2718
Android (android.graphics.Color)	4286275710 (0xFF7B607E)
YUV	107.4930, 9.1240, 13.5996
Hunter-Lab	37.5274, 10.9887, -7.8688

Details

The Hex color **7B607E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **637E60**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B093B3**, and **4A314D** is the 20% darker color. If you saturate the color by 10%, you get **7A537E**, and if you desaturate by 10%, it is **7C6D7E**.

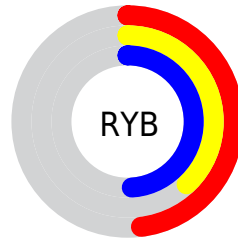
Distribution



Red (48%)

Green (38%)

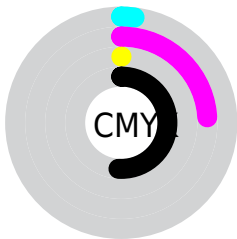
Blue (49%)



Red (48%)

Yellow (38%)

Blue (49%)

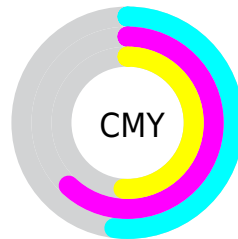


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B607E 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 7B607E by changing the saturation by 10% instead.



7B607E



7B607E

FFFFFF



624865



B093B3



4A314D



CBADCE



331C36



E8C9EA



1E0421



FFE5FF



000007



000000



7B607E



7B607E



7A537E



7C6D7E



78477E



7E797E

773A7E

7F867E

762E7E

80927E

75217E

819F7E

73147E

83AC7E

72087E

84B87E

71007E

85C57E

86D17E

Harmonies

Analogous

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



666689



7B607E



885C6E

Triad

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



7B607E



796647



327276

Complementary

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



7B607E



637E60

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.



407264



7B607E



676C49

Square

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



7B607E



86614E



537053



377084

Rectangle

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



7B607E



8C5C62



537053



357270

Sweetspot

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



7B607E



A298A3



60637E



514B52



D1D1D1



525252

Same Dimension

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



7B607E



9E74A3



7E6072



3F3940



730080



000000

Inverse Universe

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



7E6063



A37479



607E6C



40393A



80000D



000000

Previews

White Background



This preview shows how the Hex color 7B607E looks on a white background.

Color Contrast Check

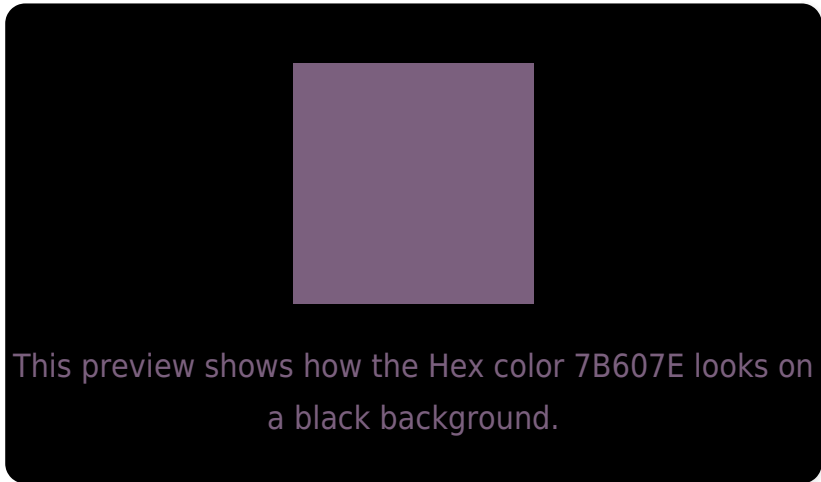
Large Text (above 18pt) WCAG AA ✓ Pass

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

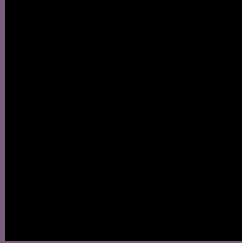
Any Text WCAG AA × Fail

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 7B607E Background



This preview shows how black text looks on a background with the Hex color 7B607E.

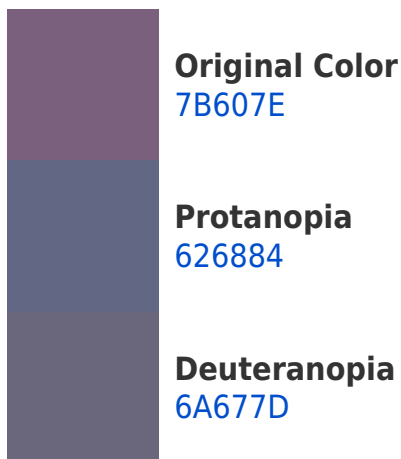


This preview shows how white text looks on a background with the Hex color 7B607E.

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
78636B

Trichromacy



Original Color
7B607E

Protanomaly
6B6582

Deuteranomaly
70647D

Tritanomaly
796272

Monochromacy



Original Color
7B607E

Achromatopsia
6B6B6B

Achromatomaly
716772

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B607E 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 #7B607E looks like.

```
.text, #text, p{  
    color:#7B607E  
}
```

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 #7B607E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B607E
}
```

Border

The CSS property to change the border of an element to Hex 7B607E is called "border". The border property can be set on classes, ids or directly on the HTML element.

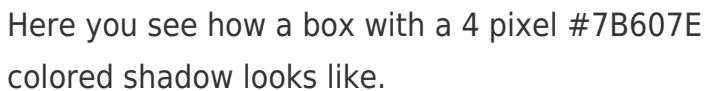
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B607E }
```

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

```
.border{ border-color:#7B607E }
```

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



Here you see how a box with a 4 pixel #7B607E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B607E; -webkit-box-shadow:4px 4px  
4px 4px #7B607E; box-shadow:4px 4px 4px  
4px #7B607E }
```

Background

The CSS property to change the background color of an element to Hex 7B607E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B607E }
```

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

```
.background{ background-color:#7B607E }
```

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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