

Converting Colors

Hex(7B67BC)

Have a look what the booklet for
Hex(7B67BC) contains.

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Color

Hex(7B67BC)

Conversions

Conversions Part 1

Format	Color
Hex	7B67BC
RGB	123, 103, 188
RGB Percent	48%, 40%, 74%
CMY	0.5176, 0.5961, 0.2627
CMYK	0.35, 0.45, 0.00, 0.26
HSL	254°, 39%, 57%
HSV	254°, 45%, 74%
XYZ	22.0957, 17.5423, 49.7984
YIQ	118.6700, -15.3650, 30.6750

Conversions

Conversions Part 2

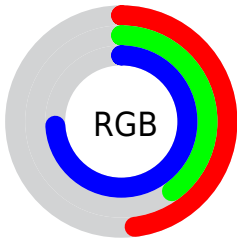
Format	Color
R_{YB}	123, 103, 188
Decimal	8087484
CIE _{Lab}	48.94, 27.54, -42.13
CIE _{LCh}	49, 50.337, 303.172
Yxy	17.5423, 0.2471, 0.1961
Android (android.graphics.Color)	4286277564 (0xFF7B67BC)
YUV	118.6700, 34.1797, 3.7974
Hunter-Lab	41.8835, 20.8719, -41.1758

Details

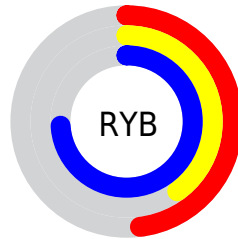
The Hex color **7B67BC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A8BC67**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B29AF5**, and **463886** is the 20% darker color. If you saturate the color by 10%, you get **6D54BC**, and if you desaturate by 10%, it is **897ABC**.

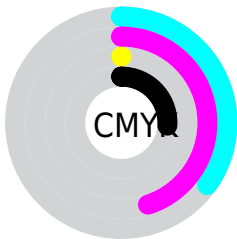
Distribution



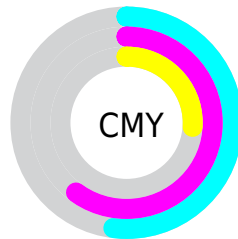
- Red (48%)
- Green (40%)
- Blue (74%)



- Red (48%)
- Yellow (40%)
- Blue (74%)



- Cyan (35%)
- Magenta (45%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B67BC 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 7B67BC by changing the saturation by 10% instead.

■ 7B67BC

■ 7B67BC

FFFFFF

■ 604FA1

■ B29AF5

■ 463886

■ CEB5FF

■ 2B226C

■ EBD1FF

■ 0C0D54

■ FFEDFF

■ 00003C

■ 000225

■ 00010E

■ 000000

■ 7B67BC

■ 7B67BC

6D54BC

897ABC

5E41BC

988DBC

502FBC

A69FBC

411CBC

B5B2BC

3309BC

C3C5BC

2C00BC

D1D8BC

E0EBBC

EEFDDB

FCFFBC

Harmonies

Analogous

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



0078CA



7B67BC



AB559C

Triad

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



7B67BC



A86426



008978

Complementary

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



7B67BC



A8BC67

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.



06864C



7B67BC



867414

Square

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



7B67BC



BE5348



5A7F27



0088A2

Rectangle

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



7B67BC



BC4D80



5A7F27



008869

Sweetspot

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



7B67BC



DBD3F5



67A8BC



6A667A



FAFAFA



7A7A7A

Same Dimension

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



7B67BC



9071F5



A567BC



57555E



25009E



07001F

Inverse Universe

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



BC67A8



F571D6



7EBC67



5E555C



9E0079



1F0017

Previews

White Background



This preview shows how the Hex color 7B67BC looks on a white background.

Color Contrast Check

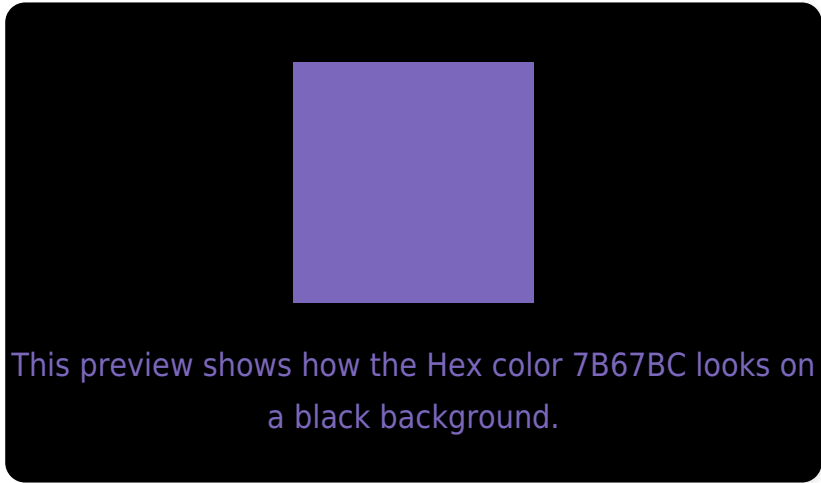
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7B67BC Background



This preview shows how black text looks on a background with the Hex color 7B67BC.

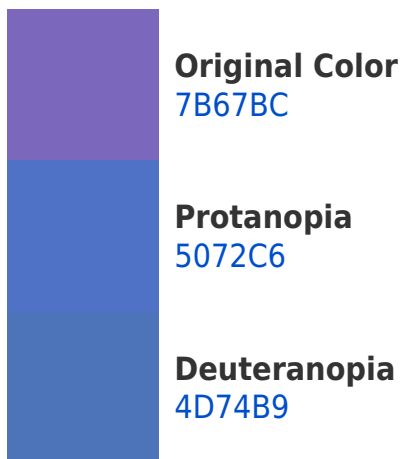


This preview shows how white text looks on a background with the Hex color 7B67BC.

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
6E757E

Trichromacy



Original Color
7B67BC

Protanomaly
606EC2

Deuteranomaly
5E6FBA

Tritanomaly
737095

Monochromacy



Original Color
7B67BC

Achromatopsia
777777

Achromatomaly
787190

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B67BC 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 #7B67BC looks like.

```
.text, #text, p{  
    color:#7B67BC  
}
```

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 #7B67BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B67BC
}
```

Border

The CSS property to change the border of an element to Hex 7B67BC 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".

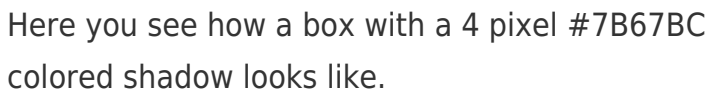
```
.border, #border, table{ border:4px solid
#7B67BC }
```

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

```
.border{ border-color:#7B67BC }
```

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

Here you see how a box with a 4 pixel #7B67BC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B67BC; -webkit-box-shadow:4px 4px  
4px 4px #7B67BC; box-shadow:4px 4px 4px  
4px #7B67BC }
```

Background

The CSS property to change the background color of an element to Hex 7B67BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B67BC }
```

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

```
.background{ background-color:#7B67BC }
```

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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