

Converting Colors

Hex(7867B3)

Have a look what the booklet for
Hex(7867B3) contains.

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Color

Hex(7867B3)

Conversions

Conversions Part 1

Format	Color
Hex	7867B3
RGB	120, 103, 179
RGB Percent	47%, 40%, 70%
CMY	0.5294, 0.5961, 0.2980
CMYK	0.33, 0.42, 0.00, 0.30
HSL	253°, 33%, 55%
HSV	253°, 42%, 70%
XYZ	20.7327, 16.9482, 44.8264
YIQ	116.7470, -14.2640, 27.2400

Conversions

Conversions Part 2

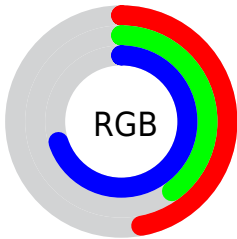
Format	Color
R_{YB}	120, 103, 179
Decimal	7890867
CIE Lab	48.19, 24.28, -38.10
CIE LCh	48, 45.182, 302.508
Yxy	16.9482, 0.2513, 0.2054
Android (android.graphics.Color)	4286080947 (0xFF7867B3)
YUV	116.7470, 30.6907, 2.8529
Hunter-Lab	41.1682, 17.8496, -35.7407

Details

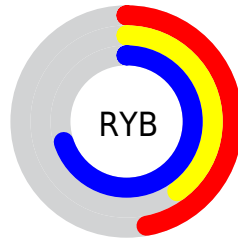
The Hex color **7867B3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A2B367**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AE9AEB**, and **44387E** is the 20% darker color. If you saturate the color by 10%, you get **6A55B3**, and if you desaturate by 10%, it is **8679B3**.

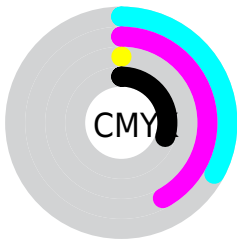
Distribution



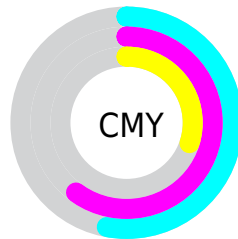
- Red (47%)
- Green (40%)
- Blue (70%)



- Red (47%)
- Yellow (40%)
- Blue (70%)



- Cyan (33%)
- Magenta (42%)
- Yellow (0%)
- Black (30%)



- Cyan (53%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7867B3 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 7867B3 by changing the saturation by 10% instead.

■ 7867B3

■ 7867B3

FFFFFF

■ 5E4F98

■ AE9AEB

■ 44387E

■ CAB5FF

■ 2A2264

■ E7D1FF

■ 0D0E4C

■ FFEDFF

■ 000035

■ 00021F

■ 000001

■ 000000

■ 7867B3

■ 7867B3

6A55B3

8679B3

5C43B3

948BB3

4E31B3

A29DB3

401FB3

B0AFB3

330EB3

BDC1B3

2800B3

CBD2B3

D9E4B3

E7F6B3

F5FFB3

Harmonies

Analogous

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



2276BF



7867B3



A35896

Triad

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



7867B3



A3632E



008575

Complementary

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



7867B3



A2B367

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.



23824E



7867B3



847220

Square

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



7867B3



B5554C



5D7C2E



00849A

Rectangle

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



7867B3



B3517E



5D7C2E



008467

Sweetspot

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



7867B3



D1CAE8



67A3B3



676375



F5F5F5



757575

Same Dimension

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



7867B3



8C72E8



9D67B3



525059



220099



06001A

Inverse Universe

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



B367A2



E872CE



7DB367



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color 7867B3 looks on a white background.

Color Contrast Check

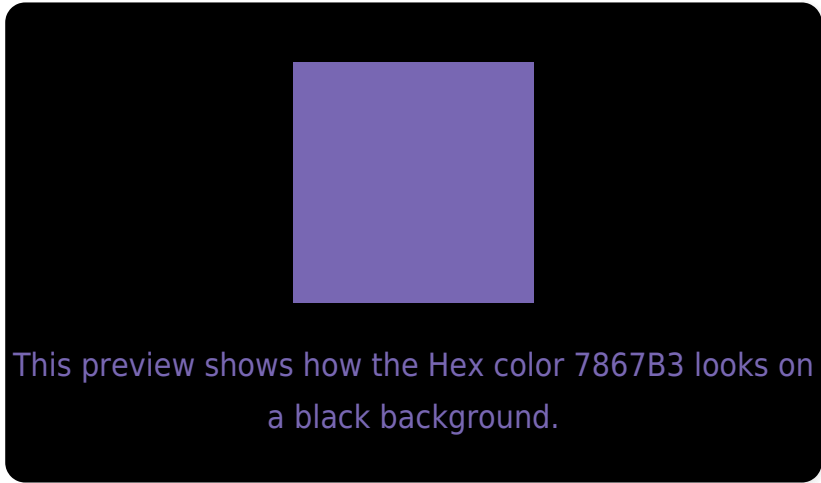
Large Text (above 18pt) WCAG AA ✓ Pass

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 7867B3 Background



This preview shows how black text looks on a background with the Hex color 7867B3.



This preview shows how white text looks on a background with the Hex color 7867B3.

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
7867B3

Protanopia
5470BB

Deuteranopia
5372B1



Tritanopia
6D737C

Trichromacy



Original Color
7867B3

Protanomaly
616DB8

Deuteranomaly
606EB2

Tritanomaly
716F90

Monochromacy



Original Color
7867B3

Achromatopsia
757575

Achromatomaly
76708C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7867B3 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 #7867B3 looks like.

```
.text, #text, p{  
    color:#7867B3  
}
```

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 #7867B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7867B3  
}
```

Border

The CSS property to change the border of an element to Hex 7867B3 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  
#7867B3 }
```

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

```
.border{ border-color:#7867B3 }
```

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

Here you see how a box with a 4 pixel #7867B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7867B3; -webkit-box-shadow:4px 4px  
4px 4px #7867B3; box-shadow:4px 4px 4px  
4px #7867B3 }
```

Background

The CSS property to change the background color of an element to Hex 7867B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7867B3 }
```

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

```
.background{ background-color:#7867B3 }
```

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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