

Converting Colors

Hex(7E3B83)

Have a look what the booklet for
Hex(7E3B83) contains.

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Color

Hex(7E3B83)

Conversions

Conversions Part 1

Format	Color
Hex	7E3B83
RGB	126, 59, 131
RGB Percent	49%, 23%, 51%
CMY	0.5059, 0.7686, 0.4863
CMYK	0.04, 0.55, 0.00, 0.49
HSL	296°, 38%, 37%
HSV	296°, 55%, 51%
XYZ	14.2649, 9.2022, 22.4971
YIQ	87.2410, 16.8200, 36.5960

Conversions

Conversions Part 2

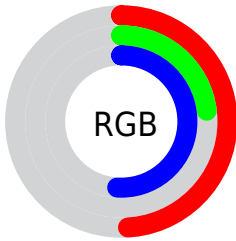
Format	Color
R_{YB}	126, 59, 131
Decimal	8272771
CIE _{Lab}	36.37, 39.98, -27.94
CIE _{LCh}	36, 48.774, 325.048
Yxy	9.2022, 0.3103, 0.2002
Android (android.graphics.Color)	4286462851 (0xFF7E3B83)
YUV	87.2410, 21.5732, 33.9916
Hunter-Lab	30.3352, 30.8516, -22.7358

Details

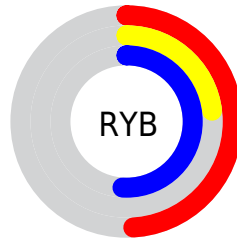
The Hex color **7E3B83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40833B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B46EB8**, and **4A0551** is the 20% darker color. If you saturate the color by 10%, you get **7D2E83**, and if you desaturate by 10%, it is **7F4883**.

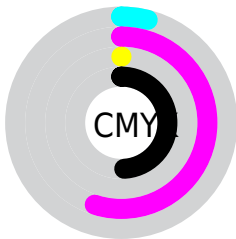
Distribution



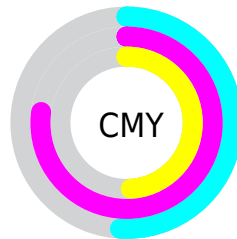
- Red (49%)
- Green (23%)
- Blue (51%)



- Red (49%)
- Yellow (23%)
- Blue (51%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (77%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E3B83 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 7E3B83 by changing the saturation by 10% instead.

 7E3B83

 7E3B83

FFFFFF

 64226A

 B46EB8

 4A0551

 D188D4

 32003A

 EEA3F1

 1B0024

 FFBEFF

 00000B

 FFDAFF

 000000

 FFF7FF

 7E3B83

 7E3B83

 7D2E83

 7F4883

7C2183

805583

7B1483

816283

7A0783

826F83

7A0083

837D83

838A83

849783

85A483

86B183

Harmonies

Analogous

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



464E9D



7E3B83



972C5E

Triad

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



7E3B83



6D5200



006776

Complementary

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



7E3B83



40833B

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.



00674E



7E3B83



485D00

Square

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



7E3B83



8A4113



006425



006495

Rectangle

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



7E3B83



9B2C44



006425



006769

Sweetspot

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



7E3B83



A990AB



3B4183



564657



D6D6D6



575757

Same Dimension

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



7E3B83



A33AAB



833B65



423C42



790082



020003

Inverse Universe

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



833B40



AB3A42



3B8359



423C3C



820009



030000

Previews

White Background



This preview shows how the Hex color 7E3B83 looks on a white background.

Color Contrast Check

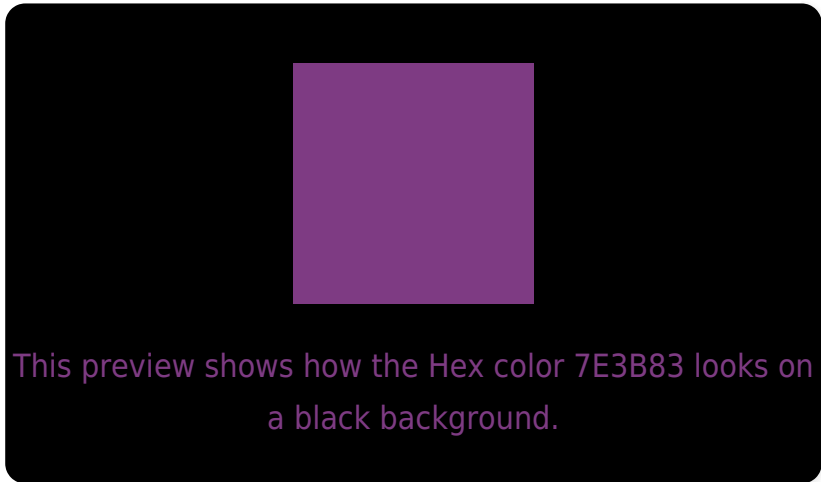
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

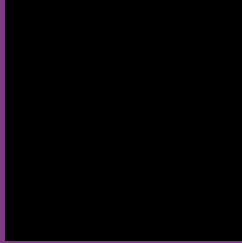
Any Text WCAG AA × Fail

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 7E3B83 Background



This preview shows how black text looks on a background with the Hex color 7E3B83.

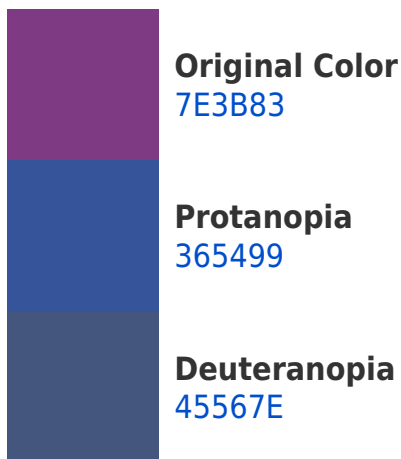



This preview shows how white text looks on a background with the Hex color 7E3B83.

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
77494E

Trichromacy



Original Color
7E3B83

Protanomaly
504B91

Deuteranomaly
5A4C80

Tritanomaly
7A4461

Monochromacy



Original Color
7E3B83

Achromatopsia
575757

Achromatomaly
654D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E3B83 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 #7E3B83 looks like.

```
.text, #text, p{  
    color:#7E3B83  
}
```

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 #7E3B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E3B83
}
```

Border

The CSS property to change the border of an element to Hex 7E3B83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

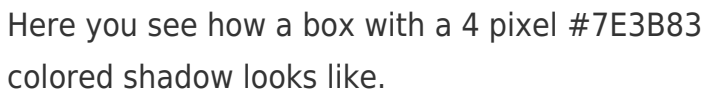
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E3B83 }
```

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

```
.border{ border-color:#7E3B83 }
```

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



Here you see how a box with a 4 pixel #7E3B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E3B83; -webkit-box-shadow:4px 4px  
4px 4px #7E3B83; box-shadow:4px 4px 4px  
4px #7E3B83 }
```

Background

The CSS property to change the background color of an element to Hex 7E3B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E3B83 }
```

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

```
.background{ background-color:#7E3B83 }
```

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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