

Converting Colors

Hex(7B3A7B)

Have a look what the booklet for
Hex(7B3A7B) contains.

Hex(7B3A7B)	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(7B3A7B)

Conversions

Conversions Part 1

Format	Color
Hex	7B3A7B
RGB	123, 58, 123
RGB Percent	48%, 23%, 48%
CMY	0.5176, 0.7725, 0.5176
CMYK	0.00, 0.53, 0.00, 0.52
HSL	300°, 36%, 35%
HSV	300°, 53%, 48%
XYZ	13.2566, 8.6671, 19.7131
YIQ	84.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

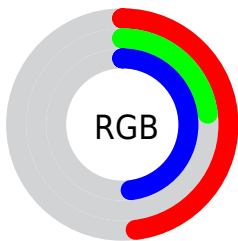
Format	Color
R_{YB}	123, 58, 123
Decimal	8075899
CIE Lab	35.34, 38.03, -24.63
CIE LCh	35, 45.308, 327.064
Yxy	8.6671, 0.3184, 0.2082
Android (android.graphics.Color)	4286265979 (0xFF7B3A7B)
YUV	84.8450, 18.8104, 33.4619
Hunter-Lab	29.4400, 28.8571, -19.0928

Details

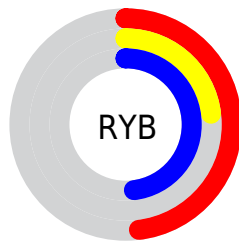
The Hex color **7B3A7B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A7B3A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B16CB0**, and **48054A** is the 20% darker color. If you saturate the color by 10%, you get **7B2E7B**, and if you desaturate by 10%, it is **7B467B**.

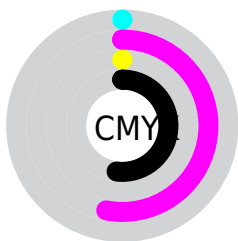
Distribution



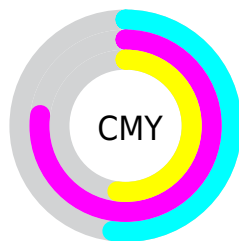
- Red (48%)
- Green (23%)
- Blue (48%)



- Red (48%)
- Yellow (23%)
- Blue (48%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (77%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3A7B 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 7B3A7B by changing the saturation by 10% instead.

7B3A7B

7B3A7B

FFFFFF

612162

B16CB0

48054A

CD86CB

300033

EAA1E8

17001E

FFBDFE

000000

FFD9FF

FFF6FF

7B3A7B

7B3A7B

7B2E7B

7B467B

 7B217B

 7B537B

 7B157B

 7B5F7B

 7B097B

 7B6B7B

 7B007B

 7B787B

 7B847B

 7B907B

 7B9C7B

 7BA97B

Harmonies

Analogous

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



4B4B94



7B3A7B



912E58

Triad

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



7B3A7B



675000



006473

Complementary

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



7B3A7B



3A7B3A

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.



00634E



7B3A7B



445B06

Square

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



7B3A7B



824214



026129



006090

Rectangle

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



7B3A7B



942F40



026129



006467

Sweetspot

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



7B3A7B



A187A1



3A3A7B



524252



D1D1D1



525252

Same Dimension

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



7B3A7B



A13BA1



7B3A5B



3D373D



7D007D



FC00FC

Inverse Universe

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



7B3A7B



A13BA1



3A7B5B



3D373D



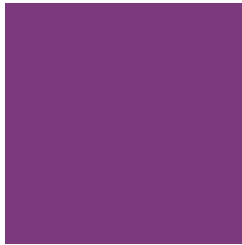
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7B3A7B looks on a white background.

Color Contrast Check

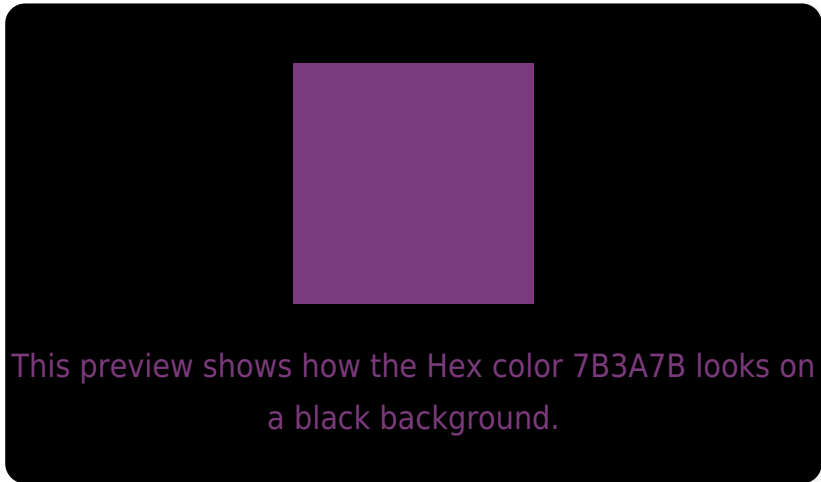
Large Text (above 18pt) WCAG AA ✓ Pass

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

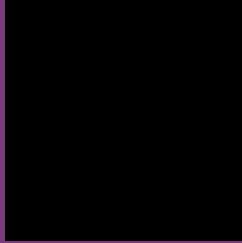
Any Text WCAG AA × Fail

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 7B3A7B Background



This preview shows how black text looks on a background with the Hex color 7B3A7B.



This preview shows how white text looks on a background with the Hex color 7B3A7B.

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
7B3A7B

Protanopia
395290

Deuteranopia
475377



Tritanopia
75464B

Trichromacy



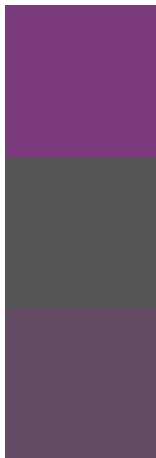
Original Color
7B3A7B

Protanomaly
514988

Deuteranomaly
5A4A78

Tritanomaly
77425C

Monochromacy



Original Color
7B3A7B

Achromatopsia
555555

Achromatomaly
634B63

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3A7B 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 #7B3A7B looks like.

```
.text, #text, p{  
    color:#7B3A7B  
}
```

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 #7B3A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3A7B  
}
```

Border

The CSS property to change the border of an element to Hex 7B3A7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

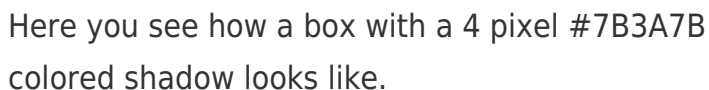
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7B3A7B }
```

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

```
.border{ border-color:#7B3A7B }
```

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



Here you see how a box with a 4 pixel #7B3A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3A7B; -webkit-box-shadow:4px 4px  
4px 4px #7B3A7B; box-shadow:4px 4px 4px  
4px #7B3A7B }
```

Background

The CSS property to change the background color of an element to Hex 7B3A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3A7B }
```

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

```
.background{ background-color:#7B3A7B }
```

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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