

Converting Colors

Hex(7B3949)

Have a look what the booklet for
Hex(7B3949) contains.

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Color

Hex(7B3949)

Conversions

Conversions Part 1

Format	Color
Hex	7B3949
RGB	123, 57, 73
RGB Percent	48%, 22%, 29%
CMY	0.5176, 0.7765, 0.7137
CMYK	0.00, 0.54, 0.41, 0.52
HSL	345°, 37%, 35%
HSV	345°, 54%, 48%
XYZ	10.8341, 7.6182, 7.2028
YIQ	78.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

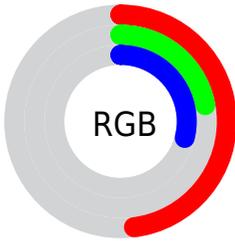
Format	Color
R_{YB}	123, 57, 73
Decimal	8075593
CIE Lab	33.17, 30.47, 3.90
CIE LCh	33, 30.719, 7.289
Yxy	7.6182, 0.4223, 0.2969
Android (android.graphics.Color)	4286265673 (0xFF7B3949)
YUV	78.5580, -2.7401, 38.9756
Hunter-Lab	27.6012, 21.7634, 3.8486

Details

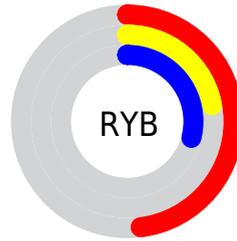
The Hex color **7B3949** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **397B6B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B26A79**, and **47081E** is the 20% darker color. If you saturate the color by 10%, you get **7B2D40**, and if you desaturate by 10%, it is **7B4552**.

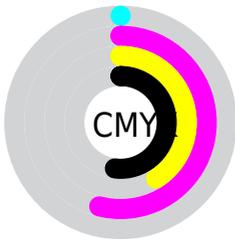
Distribution



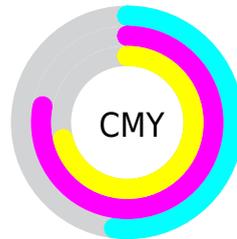
- Red (48%)
- Green (22%)
- Blue (29%)



- Red (48%)
- Yellow (22%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3949 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 7B3949 by changing the saturation by 10% instead.

 7B3949

 7B3949

FFFFFF

 612133

 B26A79

 47081E

 CE8493

 300003

 EB9FAE

 030000

 FFBAC9

 000000

 FFD6E5

 FFF3FF

 7B3949

 7B3949

 7B2D40

 7B4552

 7B2036

 7B525C

 7B142D

 7B5E65

 7B0824

 7B6A6E

 7B001E

 7B7778

 7B8381

 7B8F8A

 7B9B94

 7BA89D

Harmonies

Analogous

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



703C61



7B3949



783D32

Triad

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



7B3949



3D5526



00567A

Complementary

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



7B3949



397B6B

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.



00596B



7B3949



18593A

Square

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



7B3949



564F1C



005A53



2E4F7E

Rectangle

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



7B3949



704326



005A53



005776

Sweetspot

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



7B3949



A1878D



6B397B



524246



D1D1D1



525252

Same Dimension

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



7B3949



A13A53



7B4A39



3D3739



7D001E



FC003D

Inverse Universe

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



7B3949



A13A53



396B7B



3D3739



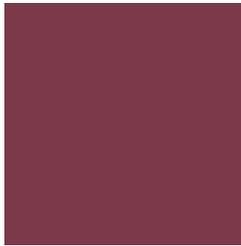
7D001E



FC003D

Previews

White Background



This preview shows how the Hex color 7B3949 looks on a white background.

Color Contrast Check

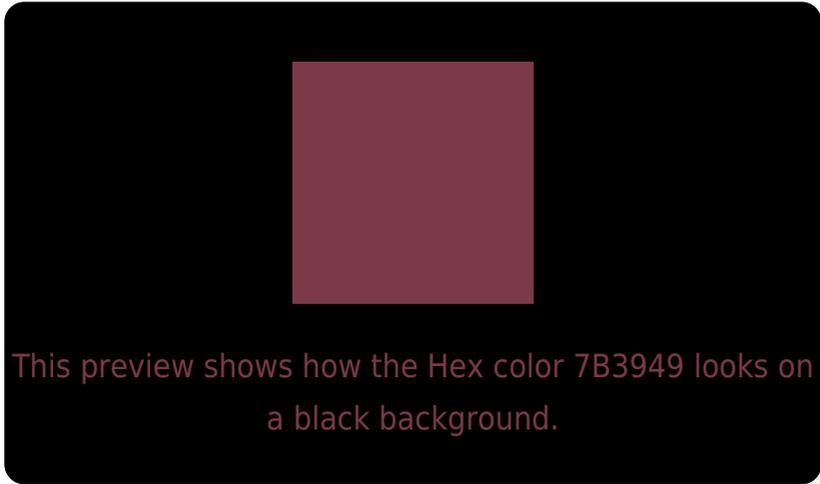
Large Text (above 18pt) WCAG AA ✓ Pass

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

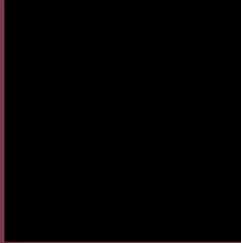
Any Text WCAG AA × Fail

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 7B3949 Background



This preview shows how black text looks on a background with the Hex color 7B3949.



This preview shows how white text looks on a background with the Hex color 7B3949.

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
7B3949

Protanopia
4E4E55

Deuteranopia
594C46



Tritanopia
7A3B3F

Trichromacy



Original Color
7B3949

Protanomaly
5E4651

Deuteranomaly
654547

Tritanomaly
7A3A43

Monochromacy



Original Color
7B3949

Achromatopsia
4F4F4F

Achromatomaly
5F474D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3949 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 #7B3949 looks like.

```
.text, #text, p{  
    color:#7B3949  
}
```

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 #7B3949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3949
}
```

Border

The CSS property to change the border of an element to Hex 7B3949 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
#7B3949 }
```

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

```
.border{ border-color:#7B3949 }
```

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

Here you see how a box with a 4 pixel #7B3949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3949; -webkit-box-shadow:4px 4px  
4px 4px #7B3949; box-shadow:4px 4px 4px  
4px #7B3949 }
```

Background

The CSS property to change the background color of an element to Hex 7B3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3949 }
```

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

```
.background{ background-color:#7B3949 }
```

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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