

# Converting Colors

Hex(7B3D59)

Have a look what the booklet for  
Hex(7B3D59) contains.

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**Color**

**Hex(7B3D59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3D59
RGB	123, 61, 89
RGB Percent	48%, 24%, 35%
CMY	0.5176, 0.7608, 0.6510
CMYK	0.00, 0.50, 0.28, 0.52
HSL	333°, 34%, 36%
HSV	333°, 50%, 48%
XYZ	11.6403, 8.2697, 10.4339
YIQ	82.7300, 27.9640, 21.8520

# Conversions

## Conversions Part 2

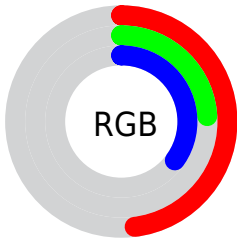
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 61, 89
Decimal	8076633
CIE Lab	34.54, 30.46, -4.39
CIE LCh	35, 30.777, 351.805
Yxy	8.2697, 0.3836, 0.2725
Android (android.graphics.Color)	4286266713 (0xFF7B3D59)
YUV	82.7300, 3.0911, 35.3168
Hunter-Lab	28.7571, 21.9283, -1.3821

# Details

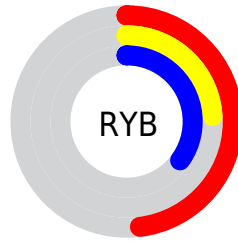
The Hex color **7B3D59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D7B5F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B16E8B**, and **480D2C** is the 20% darker color. If you saturate the color by 10%, you get **7B3152**, and if you desaturate by 10%, it is **7B4960**.

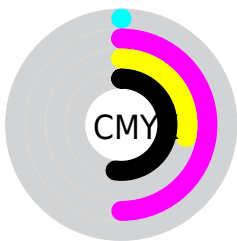
# Distribution



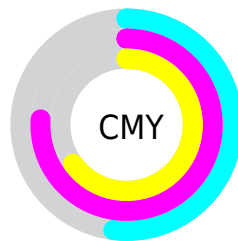
- Red (48%)
- Green (24%)
- Blue (35%)



- Red (48%)
- Yellow (24%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (52%)



- Cyan (52%)
- Magenta (76%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3D59 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 7B3D59 by changing the saturation by 10% instead.



 7B3D59

 7B3D59

FFFFFF

 612542

 B16E8B

 480D2C

 CD88A5

 300017

 EAA3C0

 110000

 FFBEDC

 000000

 FFDBF9

 FFF7FF

 7B3D59

 7B3D59

 7B3152

 7B4960

 7B244C

 7B5666

 7B1845

 7B626D

 7B0C3E

 7B6E74

 7B0038

 7B7B7B

 7B8781

 7B9388

 7B9F8F

 7BAC96

# Harmonies

## Analogous

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



694470



7B3D59



7F3D40

# Triad

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



7B3D59



4E5522



005B77

# Complementary

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



7B3D59



3D7B5F

# 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.



005D63



7B3D59



315A32

# Square

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



7B3D59



654E1F



005D49



075681

# Rectangle

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



7B3D59



7B4232



005D49



005C71



# Sweetspot

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



7B3D59



A18993



5E3D7B



52434A



D1D1D1



525252



# Same Dimension

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



7B3D59



A1406C



7B3F3D



3D373A



7D0038



FC0072



# Inverse Universe

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



7B3D59



A1406C



3D797B



3D373A



7D0038

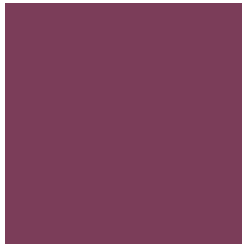


FC0072



# Previews

## White Background



This preview shows how the Hex color 7B3D59 looks on a white background.

## Color Contrast Check

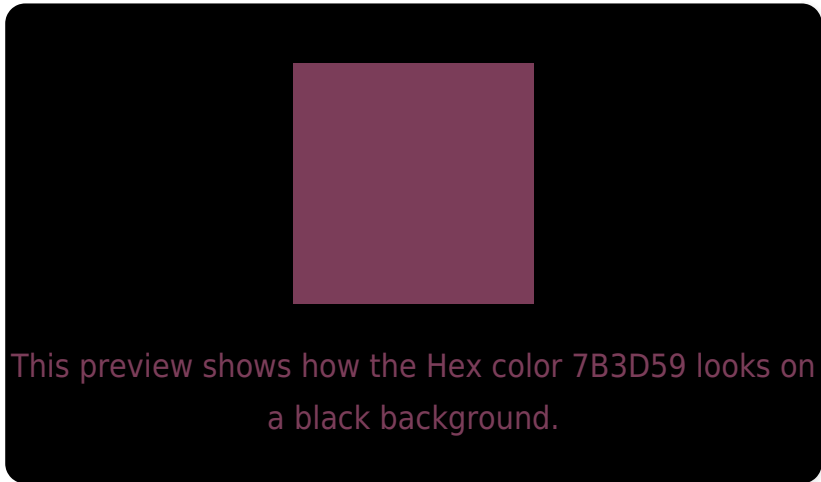
Large Text (above 18pt) WCAG AA ✓ Pass

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

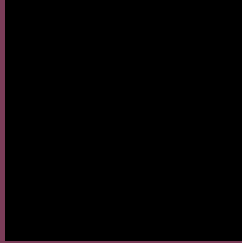
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B3D59 Background



This preview shows how black text looks on a background with the Hex color 7B3D59.



This preview shows how white text looks on a background with the Hex color 7B3D59.

# 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**  
7B3D59

**Protanopia**  
4D5166

**Deuteranopia**  
584F56



**Tritanopia**  
794146

# Trichromacy



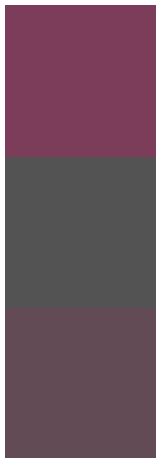
**Original Color**  
7B3D59

**Protanomaly**  
5E4A61

**Deuteranomaly**  
654857

**Tritanomaly**  
7A404D

# Monochromacy



**Original Color**  
7B3D59

**Achromatopsia**  
535353

**Achromatomaly**  
624B55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3D59 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 #7B3D59 looks like.

```
.text, #text, p{  
    color:#7B3D59  
}
```

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 #7B3D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3D59
}
```

## Border

The CSS property to change the border of an element to Hex 7B3D59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

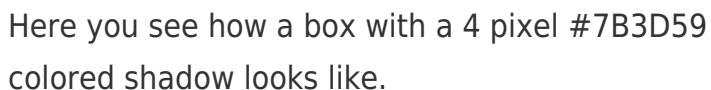
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3D59 }
```

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

```
.border{ border-color:#7B3D59 }
```

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



Here you see how a box with a 4 pixel #7B3D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3D59; -webkit-box-shadow:4px 4px  
4px 4px #7B3D59; box-shadow:4px 4px 4px  
4px #7B3D59 }
```

# Background

The CSS property to change the background color of an element to Hex 7B3D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3D59 }
```

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

```
.background{ background-color:#7B3D59 }
```

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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