

# Converting Colors

Hex(7F3639)

Have a look what the booklet for  
Hex(7F3639) contains.

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**Color**

**Hex(7F3639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F3639
RGB	127, 54, 57
RGB Percent	50%, 21%, 22%
CMY	0.5020, 0.7882, 0.7765
CMYK	0.00, 0.57, 0.55, 0.50
HSL	358°, 40%, 35%
HSV	358°, 57%, 50%
XYZ	10.8101, 7.4458, 4.7383
YIQ	76.1690, 42.5450, 16.4090

# Conversions

## Conversions Part 2

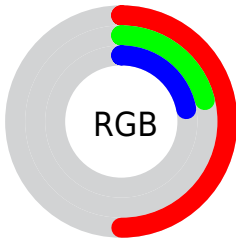
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 54, 57
Decimal	8336953
CIE <sub>Lab</sub>	32.80, 31.90, 13.79
CIE <sub>LCh</sub>	33, 34.756, 23.379
Yxy	7.4458, 0.4701, 0.3238
Android (android.graphics.Color)	4286527033 (0xFF7F3639)
YUV	76.1690, -9.4503, 44.5788
Hunter-Lab	27.2869, 22.9630, 8.8053

# Details

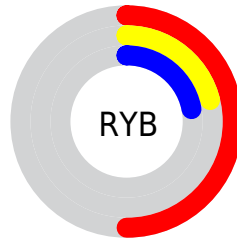
The Hex color **7F3639** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **367F7C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B76768**, and **49030F** is the 20% darker color. If you saturate the color by 10%, you get **7F292D**, and if you desaturate by 10%, it is **7F4345**.

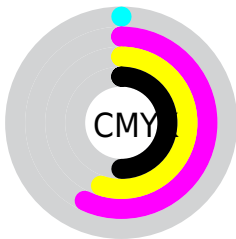
# Distribution



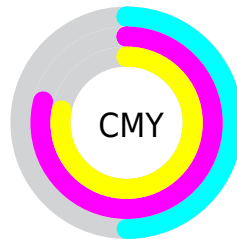
- Red (50%)
- Green (21%)
- Blue (22%)



- Red (50%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (50%)



- Cyan (50%)
- Magenta (79%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F3639 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 7F3639 by changing the saturation by 10% instead.



 7F3639

 7F3639

FFFFFF

 641E24

 B76768

 49030F

 D48181

 310000

 F29C9B

 020000

 FF7B6

 000000

 FFD3D1

 FFF0EE

 7F3639

 7F3639

 7F292D

 7F4345

 7F1D21

 7F4F51

 7F1014

 7F5C5E

 7F0308

 7F696A

 7F0005

 7F7676

 7F8282

 7F8F8E

 7F9C9A

 7FA8A7

# Harmonies

## Analogous

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



7C3554



7F3639



753F22

# Triad

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



7F3639



24572B



005284

# Complementary

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



7F3639



367F7C

# 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.



005879



7F3639



005A46

# Square

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



7F3639



475217



005A62



444880

# Rectangle

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



7F3639



694616



005A62



005481



# Sweetspot

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



7F3639



A68A8B



7B367F



544344



D4D4D4



545454



# Same Dimension

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



7F3639



A63338



7F5736



40393A



800005



000000



# Inverse Universe

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



7F3639



A63338



365E7F



40393A



800005

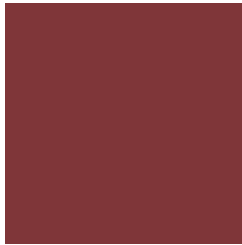


000000



# Previews

## White Background



This preview shows how the Hex color 7F3639 looks on a white background.

## Color Contrast Check

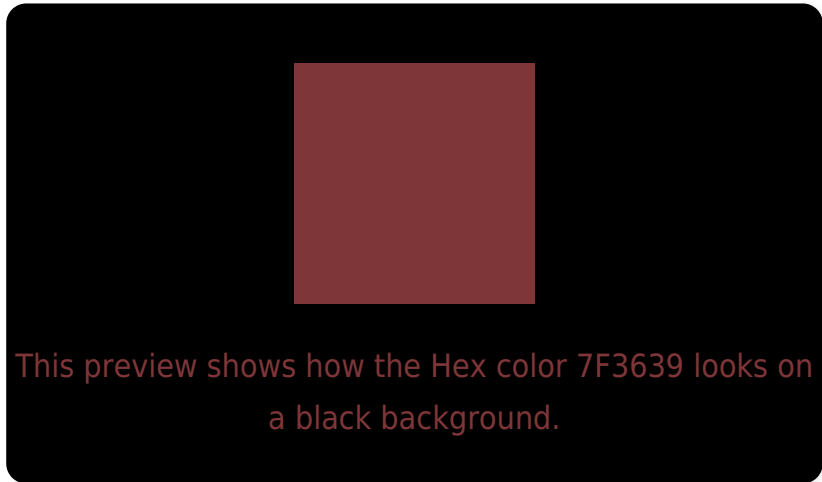
Large Text (above 18pt) WCAG AA ✓ Pass

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

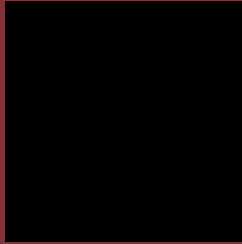
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F3639 Background



This preview shows how black text looks on a background with the Hex color 7F3639.



This preview shows how white text looks on a background with the Hex color 7F3639.

# 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**  
7F3639

**Protanopia**  
524E44

**Deuteranopia**  
5D4B36



**Tritanopia**  
7F3639

# Trichromacy



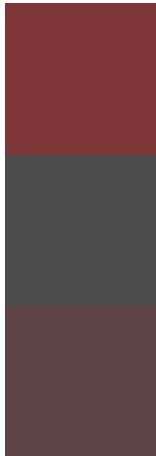
**Original Color**  
7F3639

**Protanomaly**  
624540

**Deuteranomaly**  
694337

**Tritanomaly**  
7F3639

# Monochromacy



**Original Color**  
7F3639

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5F4445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F3639 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 #7F3639 looks like.

```
.text, #text, p{  
    color:#7F3639  
}
```

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 #7F3639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3639
}
```

## Border

The CSS property to change the border of an element to Hex 7F3639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

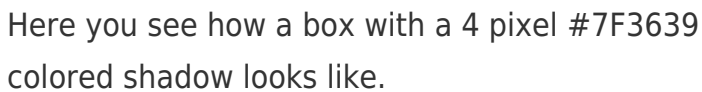
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3639 }
```

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

```
.border{ border-color:#7F3639 }
```

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



Here you see how a box with a 4 pixel #7F3639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3639; -webkit-box-shadow:4px 4px  
4px 4px #7F3639; box-shadow:4px 4px 4px  
4px #7F3639 }
```

# Background

The CSS property to change the background color of an element to Hex 7F3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3639 }
```

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

```
.background{ background-color:#7F3639 }
```

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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