

# Converting Colors

Hex(7F3B26)

Have a look what the booklet for  
Hex(7F3B26) contains.

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**Color**

**Hex(7F3B26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F3B26
RGB	127, 59, 38
RGB Percent	50%, 23%, 15%
CMY	0.5020, 0.7686, 0.8510
CMYK	0.00, 0.54, 0.70, 0.50
HSL	14°, 54%, 32%
HSV	14°, 70%, 50%
XYZ	10.6662, 7.7799, 2.7732
YIQ	76.9380, 47.2690, 7.8850

# Conversions

## Conversions Part 2

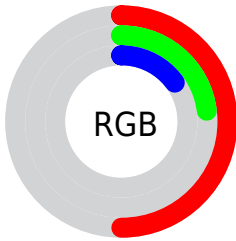
Format	Color
R <sub>Y</sub> B	127, 65, 38
Decimal	8338214
CIE Lab	33.52, 27.72, 26.54
CIE LCh	34, 38.376, 43.746
Yxy	7.7799, 0.5027, 0.3666
Android (android.graphics.Color)	4286528294 (0xFF7F3B26)
YUV	76.9380, -19.1964, 43.9044
Hunter-Lab	27.8925, 19.4474, 13.6298

# Details

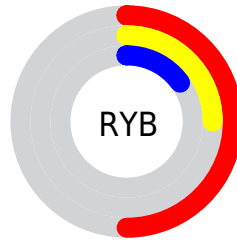
The Hex color **7F3B26** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **266A7F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B86C54**, and **490B00** is the 20% darker color. If you saturate the color by 10%, you get **7F3119**, and if you desaturate by 10%, it is **7F4533**.

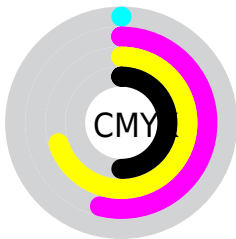
# Distribution



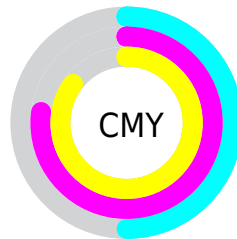
- Red (50%)
- Green (23%)
- Blue (15%)



- Red (50%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (77%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F3B26 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 7F3B26 by changing the saturation by 10% instead.



 7F3B26

 7F3B26

FFFFFF

 632411

 B86C54

 490B00

 D5866C

 2F0000

 F3A086

 000000

 FFBCA0

 FFD7BB

 FFF4D7

 FFFFF3

 7F3B26

 7F3B26

■ 7F3119

■ 7F4533

■ 7F280D

■ 7F4E3F

■ 7F1E00

■ 7F584C

■ 7F6259

■ 7F6C66

■ 7F7572

■ 7F7F7F

■ 7F898C

■ 7F9298

# Harmonies

## Analogous

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



863242



7F3B26



6C4710

# Triad

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



7F3B26



005C3D



2E4D8A

# Complementary

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



7F3B26



266A7F

# 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.



005789



7F3B26



005D5C

# Square

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



7F3B26



2F5920



005C78



62417B

# Rectangle

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



7F3B26



5B4F0A



005C78



01518C



# Sweetspot

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



7F3B26



A68B83



7F266A



54443F



D4D4D4



545454



# Same Dimension

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



7F3B26



A63B1B



7F6726



403B39



801E00



000000



# Inverse Universe

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



266A7F



1B85A6



263E7F



393E40



006180



000000



# Previews

## White Background



This preview shows how the Hex color 7F3B26 looks on a white background.

## Color Contrast Check

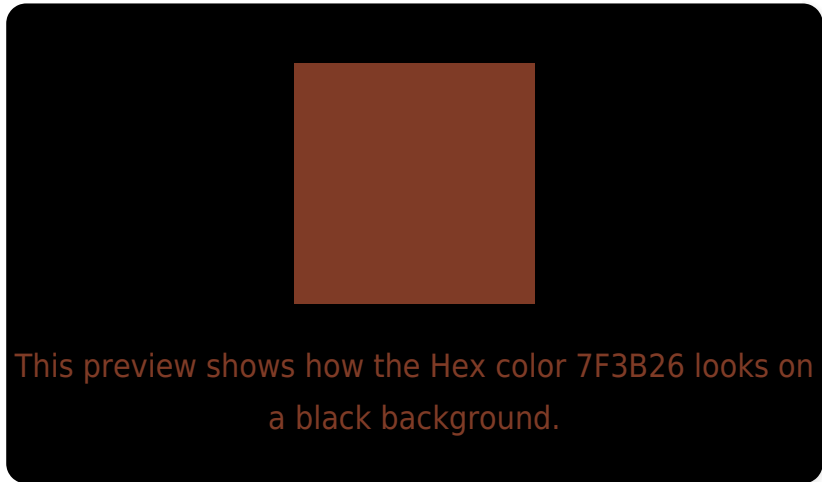
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F3B26 Background



This preview shows how black text looks on a background with the Hex color 7F3B26.



This preview shows how white text looks on a background with the Hex color 7F3B26.

# 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**  
7F3B26

**Protanopia**  
57502D

**Deuteranopia**  
634C22



**Tritanopia**  
80383C

# Trichromacy



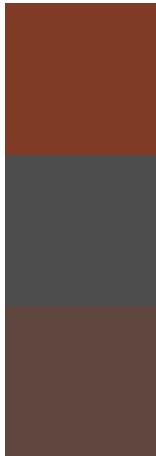
**Original Color**  
7F3B26

**Protanomaly**  
66482A

**Deuteranomaly**  
6D4623

**Tritanomaly**  
803934

# Monochromacy



**Original Color**  
7F3B26

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5F463F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F3B26 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 #7F3B26 looks like.

```
.text, #text, p{  
    color:#7F3B26  
}
```

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 #7F3B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3B26
}
```

## Border

The CSS property to change the border of an element to Hex 7F3B26 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".

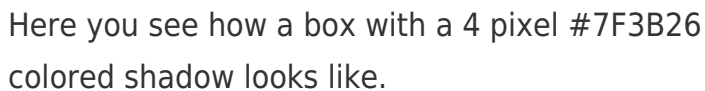
```
.border, #border, table{ border:4px solid
#7F3B26 }
```

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

```
.border{ border-color:#7F3B26 }
```

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

Here you see how a box with a 4 pixel #7F3B26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3B26; -webkit-box-shadow:4px 4px  
4px 4px #7F3B26; box-shadow:4px 4px 4px  
4px #7F3B26 }
```

# Background

The CSS property to change the background color of an element to Hex 7F3B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3B26 }
```

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

```
.background{ background-color:#7F3B26 }
```

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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