

# Converting Colors

Hex(7F3423)

Have a look what the booklet for  
Hex(7F3423) contains.

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# Color

Hex(7F3423)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F3423
RGB	127, 52, 35
RGB Percent	50%, 20%, 14%
CMY	0.5020, 0.7961, 0.8627
CMYK	0.00, 0.59, 0.72, 0.50
HSL	11°, 57%, 32%
HSV	11°, 72%, 50%
XYZ	10.2838, 7.0894, 2.4165
YIQ	72.4870, 50.1570, 10.6130

# Conversions

## Conversions Part 2

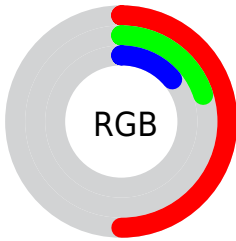
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 56, 35
Decimal	8336419
CIELab	32.01, 31.32, 26.57
CIELCh	32, 41.070, 40.312
Yxy	7.0894, 0.5197, 0.3582
Android (android.graphics.Color)	4286526499 (0xFF7F3423)
YUV	72.4870, -18.4811, 47.8079
Hunter-Lab	26.6258, 22.3472, 13.2571

# Details

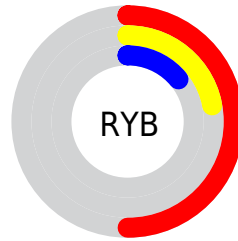
The Hex color **7F3423** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **236E7F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B86550**, and **480200** is the 20% darker color. If you saturate the color by 10%, you get **7F2A16**, and if you desaturate by 10%, it is **7F3E30**.

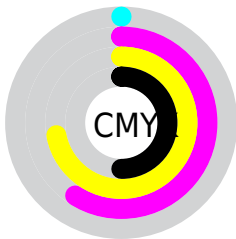
# Distribution



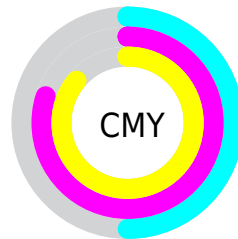
- Red (50%)
- Green (20%)
- Blue (14%)



- Red (50%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (59%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F3423 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 7F3423 by changing the saturation by 10% instead.



 7F3423

 7F3423

FFFFFF

 631C0E

 B86550

 480200

 D67F69

 2F0000

 F49982

 000000

 FFB59C

 FFD0B7

 FFEDD3

 FFFFEF

 7F3423

 7F3423

 7F2A16

 7F3E30

 7F1F0A

 7F493C

 7F1700

 7F5349

 7F5D56

 7F6862

 7F726F

 7F7C7C

 7F8789

 7F9195

# Harmonies

## Analogous

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



852B42



7F3423



6C4208

# Triad

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



7F3423



005934



134B8B

# Complementary

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



7F3423



236E7F

# 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.



005588



7F3423



005A56

# Square

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



7F3423



2D5515



005974



5B3E7D

# Rectangle

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



7F3423



5B4A00



005974



004F8C



# Sweetspot

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



7F3423



A68881



7F236E



54423E



D4D4D4



545454



# Same Dimension

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



7F3423



A63016



7F6223



403B39



801800



000000



# Inverse Universe

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



236E7F



168BA6



23407F



393F40



006880



000000



# Previews

## White Background



This preview shows how the Hex color 7F3423 looks on a white background.

## Color Contrast Check

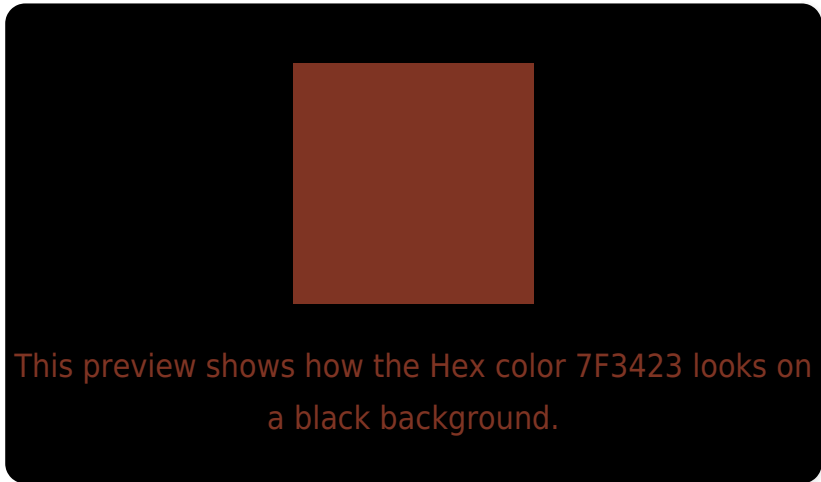
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F3423 Background



This preview shows how black text looks on a background with the Hex color 7F3423.

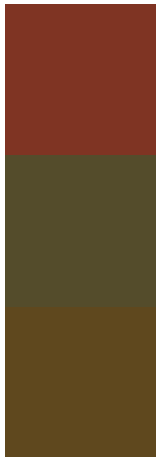


This preview shows how white text looks on a background with the Hex color 7F3423.

# 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**  
7F3423

**Protanopia**  
544C2B

**Deuteranopia**  
5F481E



**Tritanopia**  
803235

# Trichromacy



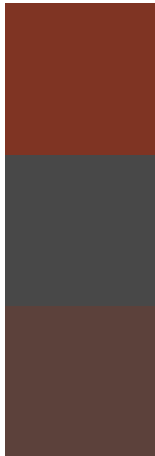
**Original Color**  
7F3423

**Protanomaly**  
644328

**Deuteranomaly**  
6B4120

**Tritanomaly**  
80332E

# Monochromacy



**Original Color**  
7F3423

**Achromatopsia**  
484848

**Achromatomaly**  
5C413B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F3423 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 #7F3423 looks like.

```
.text, #text, p{  
    color:#7F3423  
}
```

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 #7F3423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3423
}
```

## Border

The CSS property to change the border of an element to Hex 7F3423 is called "border". The border property can be set on classes, ids or directly on the HTML element.

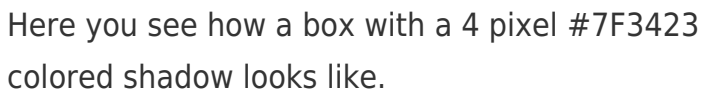
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3423 }
```

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

```
.border{ border-color:#7F3423 }
```

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



Here you see how a box with a 4 pixel #7F3423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3423; -webkit-box-shadow:4px 4px  
4px 4px #7F3423; box-shadow:4px 4px 4px  
4px #7F3423 }
```

# Background

The CSS property to change the background color of an element to Hex 7F3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3423 }
```

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

```
.background{ background-color:#7F3423 }
```

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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