

# Converting Colors

Hex(7A3130)

Have a look what the booklet for  
Hex(7A3130) contains.

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**Color**

**Hex(7A3130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A3130
RGB	122, 49, 48
RGB Percent	48%, 19%, 19%
CMY	0.5216, 0.8078, 0.8118
CMYK	0.00, 0.60, 0.61, 0.52
HSL	1°, 44%, 33%
HSV	1°, 61%, 48%
XYZ	9.6579, 6.5476, 3.5511
YIQ	70.7130, 43.8290, 15.1650

# Conversions

## Conversions Part 2

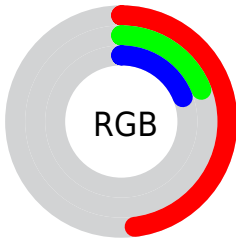
Format	Color
R <sub>Y</sub> B	122, 49, 48
Decimal	8007984
CIE Lab	30.75, 31.79, 16.71
CIE LCh	31, 35.918, 27.727
Yxy	6.5476, 0.4888, 0.3314
Android (android.graphics.Color)	4286198064 (0xFF7A3130)
YUV	70.7130, -11.1975, 44.9787
Hunter-Lab	25.5883, 22.5922, 9.6836

# Details

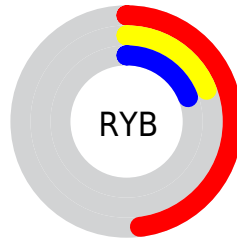
The Hex color **7A3130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30797A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B2625E**, and **450001** is the 20% darker color. If you saturate the color by 10%, you get **7A2524**, and if you desaturate by 10%, it is **7A3D3C**.

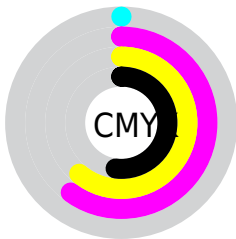
# Distribution



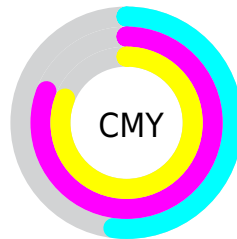
- Red (48%)
- Green (19%)
- Blue (19%)



- Red (48%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (61%)
- Black (52%)



- Cyan (52%)
- Magenta (81%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3130 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 7A3130 by changing the saturation by 10% instead.



■ 7A3130

■ 7A3130

FFFFFF

■ 5F191B

■ B2625E

■ 450001

■ CF7C77

■ 2D0001

■ ED9690

■ 000000

■ FFB1AB

■ FFCDC6

■ FFEAE2

■ 7A3130

■ 7A3130

■ 7A2524

■ 7A3D3C

 7A1918

 7A4948

 7A0D0B

 7A5555

 7A0200

 7A6161

 7A6D6D

 7A7979

 7A8585

 7A9192

 7A9D9E

# Harmonies

## Analogous

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



792E4C



7A3130



6E3B19

# Triad

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



7A3130



145329



004C80

# Complementary

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



7A3130



30797A

# 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.



005377



7A3130



005645

# Square

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



7A3130



3D4E12



005662



45427A

# Rectangle

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



7A3130



61430D



005662



004F7F



# Sweetspot

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



7A3130



9E8282



7A307A



4F3E3E



CFCFCF



4F4F4F



# Same Dimension

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



7A3130



9E2C2B



7A5530



3D3737



7D0200



FC0300



# Inverse Universe

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



30797A



2B9D9E



30557A



373D3D



007B7D



00F9FC



# Previews

## White Background



This preview shows how the Hex color 7A3130 looks on a white background.

## Color Contrast Check

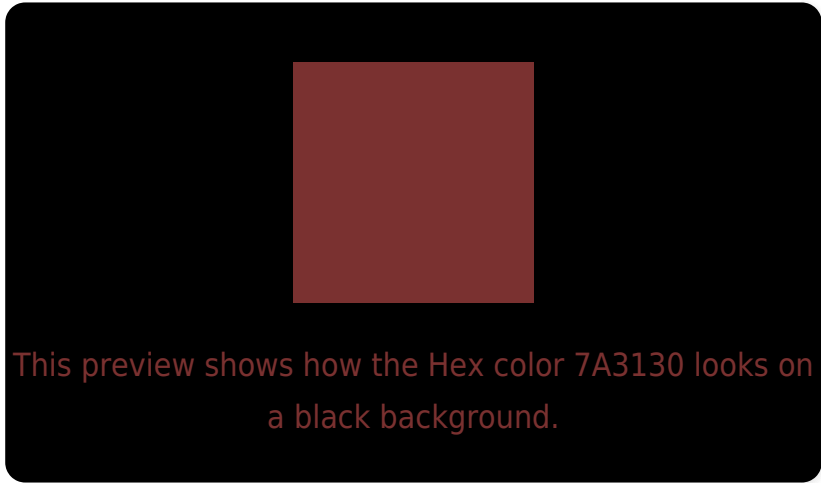
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A3130 Background



This preview shows how black text looks on a background with the Hex color 7A3130.

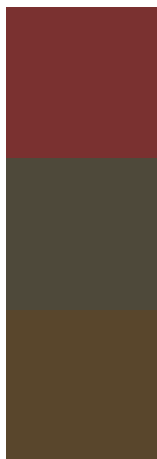


This preview shows how white text looks on a background with the Hex color 7A3130.

# 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**  
7A3130

**Protanopia**  
4E493A

**Deuteranopia**  
59462C



# Trichromacy



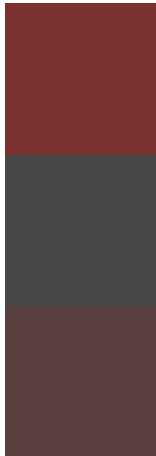
**Original Color**  
7A3130

**Protanomaly**  
5E4036

**Deuteranomaly**  
653E2D

**Tritanomaly**  
7A3033

# Monochromacy



**Original Color**  
7A3130

**Achromatopsia**  
474747

**Achromatomaly**  
5A3F3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3130 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 #7A3130 looks like.

```
.text, #text, p{  
    color:#7A3130  
}
```

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 #7A3130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3130
}
```

## Border

The CSS property to change the border of an element to Hex 7A3130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

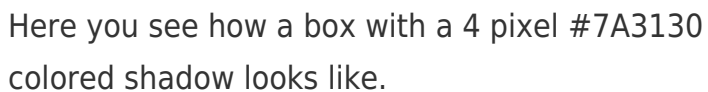
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3130 }
```

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

```
.border{ border-color:#7A3130 }
```

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



Here you see how a box with a 4 pixel #7A3130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3130; -webkit-box-shadow:4px 4px  
4px 4px #7A3130; box-shadow:4px 4px 4px  
4px #7A3130 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3130 }
```

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

```
.background{ background-color:#7A3130 }
```

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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