

# Converting Colors

Hex(7F231A)

Have a look what the booklet for  
Hex(7F231A) contains.

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**Color**

**Hex(7F231A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F231A
RGB	127, 35, 26
RGB Percent	50%, 14%, 10%
CMY	0.5020, 0.8627, 0.8980
CMYK	0.00, 0.72, 0.80, 0.50
HSL	5°, 66%, 30%
HSV	5°, 80%, 50%
XYZ	9.5399, 5.7887, 1.5918
YIQ	61.4820, 57.7210, 16.7050

# Conversions

## Conversions Part 2

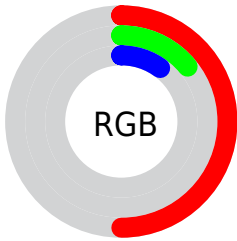
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 36, 26
Decimal	8332058
CIE Lab	28.87, 38.95, 28.46
CIE LCh	29, 48.240, 36.160
Yxy	5.7887, 0.5638, 0.3421
Android (android.graphics.Color)	4286522138 (0xFF7F231A)
YUV	61.4820, -17.4926, 57.4593
Hunter-Lab	24.0597, 28.6725, 12.9191

# Details

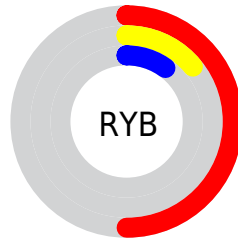
The Hex color **7F231A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1A767F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BA5646**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7F170D**, and if you desaturate by 10%, it is **7F2F27**.

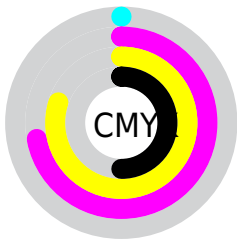
# Distribution



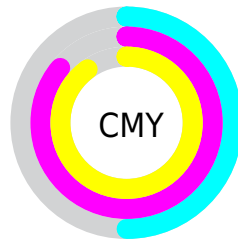
- Red (50%)
- Green (14%)
- Blue (10%)



- Red (50%)
- Yellow (14%)
- Blue (10%)



- Cyan (0%)
- Magenta (72%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (86%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F231A 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 7F231A by changing the saturation by 10% instead.



 7F231A

 7F231A

FFFFFF

 630401

 BA5646

 460000

 D8705E

 2E0002

 F68A77

 000000

 FFA591

 FFC1AB

 FFDEC7

 FFFAE3

 7F231A

 7F231A

■ 7F170D

■ 7F2F27

■ 7F0C01

■ 7F3A33

■ 7F0B00

■ 7F4640

■ 7F514D

■ 7F5D59

■ 7F6866

■ 7F7473

■ 7F8080

■ 7F8B8C

# Harmonies

## Analogous

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



84143E



7F231A



6B3700

# Triad

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



7F231A



005224



00468F

# Complementary

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



7F231A



1A767F

# 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.



005089



7F231A



00544B

# Square

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



7F231A



244E00



00546F



4D3681

# Rectangle

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



7F231A



584100



00546F



004A8F



# Sweetspot

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



7F231A



A6827E



7F1A77



543E3C



D4D4D4



545454



# Same Dimension

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



7F231A



A61608



7F551A



403A39



800B00



000000



# Inverse Universe

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



1A767F



0898A6



1A447F



393F40



007480



000000



# Previews

## White Background



This preview shows how the Hex color 7F231A 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 7F231A Background



This preview shows how black text looks on a background with the Hex color 7F231A.



This preview shows how white text looks on a background with the Hex color 7F231A.

# 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**  
7F231A

**Protanopia**  
4D4624

**Deuteranopia**  
574212



# Trichromacy



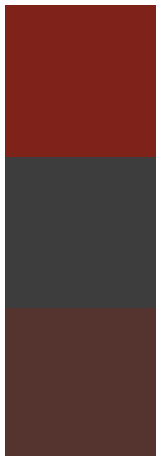
**Original Color**  
7F231A

**Protanomaly**  
5F3920

**Deuteranomaly**  
663715

**Tritanomaly**  
7F2220

# Monochromacy



**Original Color**  
7F231A

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
553430

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F231A 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 #7F231A looks like.

```
.text, #text, p{  
    color:#7F231A  
}
```

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 #7F231A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F231A
}
```

## Border

The CSS property to change the border of an element to Hex 7F231A 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
#7F231A }
```

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

```
.border{ border-color:#7F231A }
```

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

Here you see how a box with a 4 pixel #7F231A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F231A; -webkit-box-shadow:4px 4px  
4px 4px #7F231A; box-shadow:4px 4px 4px  
4px #7F231A }
```

# Background

The CSS property to change the background color of an element to Hex 7F231A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F231A }
```

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

```
.background{ background-color:#7F231A }
```

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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