

Converting Colors

Hex(75231E)

Have a look what the booklet for
Hex(75231E) contains.

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Color

Hex(75231E)

Conversions

Conversions Part 1

Format	Color
Hex	75231E
RGB	117, 35, 30
RGB Percent	46%, 14%, 12%
CMY	0.5412, 0.8627, 0.8824
CMYK	0.00, 0.70, 0.74, 0.54
HSL	3°, 59%, 29%
HSV	3°, 74%, 46%
XYZ	8.1715, 5.0777, 1.7777
YIQ	58.9480, 50.4770, 15.8290

Conversions

Conversions Part 2

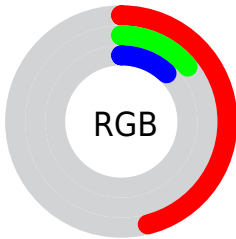
Format	Color
RYB	117, 35, 30
Decimal	7676702
CIELab	26.96, 35.53, 23.32
CIELCh	27, 42.498, 33.285
Yxy	5.0777, 0.5438, 0.3379
Android (android.graphics.Color)	4285866782 (0xFF75231E)
YUV	58.9480, -14.2714, 50.9116
Hunter-Lab	22.5338, 25.2959, 11.0962

Details

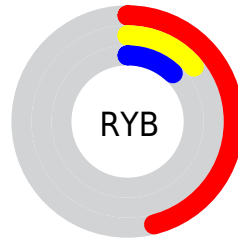
The Hex color **75231E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1E7075**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AE554A**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **751812**, and if you desaturate by 10%, it is **752E2A**.

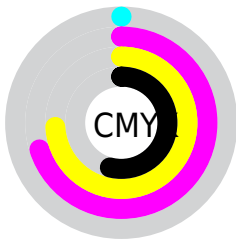
Distribution



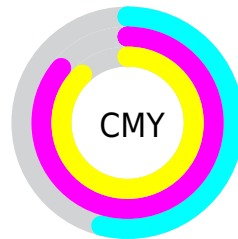
- Red (46%)
- Green (14%)
- Blue (12%)



- Red (46%)
- Yellow (14%)
- Blue (12%)



- Cyan (0%)
- Magenta (70%)
- Yellow (74%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75231E 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 75231E by changing the saturation by 10% instead.

 75231E

 75231E

FFFFFF

 590607


 AE554A

 3E0000

 CC6E62

 240001

 E9897B

 000000

 FFA395

 FFBFAF

 FFD9CB

 FFF8E7

 75231E

 75231E

■ 751812

■ 752E2A

■ 750D07

■ 753935

■ 750700

■ 754441

■ 754F4D

■ 755A59

■ 756564

■ 757070

■ 757B7C

■ 758687

Harmonies

Analogous

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



781A3E



75231E



653300

Triad

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



75231E



004C21



004381

Complementary

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



75231E



1E7075

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.



004B7A



75231E



004E42

Square

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



75231E



294800



004E63



433576

Rectangle

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



75231E



553C00



004E63



004681

Sweetspot

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



75231E



997977



751E71



4D3A39



CCCCCC



4D4D4D

Same Dimension

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



75231E



991911



754E1E



3B3535



7A0700



FA0E00

Inverse Universe

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



1E7075



119199



1E4575



353A3B



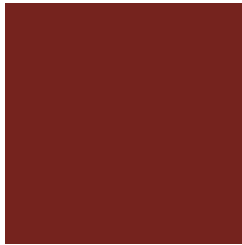
00737A



00ECFA

Previews

White Background



This preview shows how the Hex color 75231E 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 75231E Background



This preview shows how black text looks on a background with the Hex color 75231E.

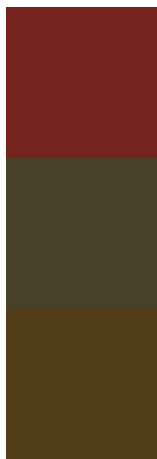


This preview shows how white text looks on a background with the Hex color 75231E.

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
75231E

Protanopia
474128

Deuteranopia
513E19



Tritanopia
752224

Trichromacy



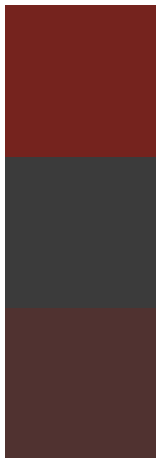
Original Color
75231E

Protanomaly
583624

Deuteranomaly
5E341B

Tritanomaly
752222

Monochromacy



Original Color
75231E

Achromatopsia
3B3B3B

Achromatomaly
503230

CSS Examples

Text

The CSS property to change the color of the text to Hex 75231E 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 #75231E looks like.

```
.text, #text, p{  
    color:#75231E  
}
```

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 #75231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75231E
}
```

Border

The CSS property to change the border of an element to Hex 75231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

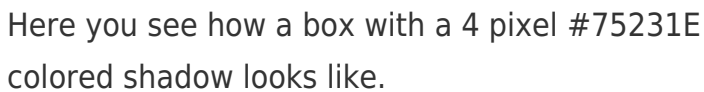
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75231E }
```

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

```
.border{ border-color:#75231E }
```

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



Here you see how a box with a 4 pixel #75231E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75231E; -webkit-box-shadow:4px 4px  
4px 4px #75231E; box-shadow:4px 4px 4px  
4px #75231E }
```

Background

The CSS property to change the background color of an element to Hex 75231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75231E }
```

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

```
.background{ background-color:#75231E }
```

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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