

Converting Colors

Hex(77231E)

Have a look what the booklet for
Hex(77231E) contains.

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Color

Hex(77231E)

Conversions

Conversions Part 1

Format	Color
Hex	77231E
RGB	119, 35, 30
RGB Percent	47%, 14%, 12%
CMY	0.5333, 0.8627, 0.8824
CMYK	0.00, 0.71, 0.75, 0.53
HSL	3°, 60%, 29%
HSV	3°, 75%, 47%
XYZ	8.4431, 5.2177, 1.7904
YIQ	59.5460, 51.6690, 16.2530

Conversions

Conversions Part 2

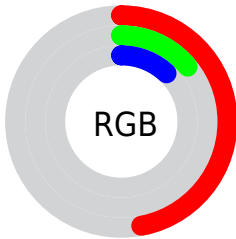
Format	Color
R_{YB}	119, 35, 30
Decimal	7807774
CIE Lab	27.35, 36.26, 23.88
CIE LCh	27, 43.414, 33.366
Yxy	5.2177, 0.5464, 0.3377
Android (android.graphics.Color)	4285997854 (0xFF77231E)
YUV	59.5460, -14.5662, 52.1412
Hunter-Lab	22.8424, 26.0040, 11.3424

Details

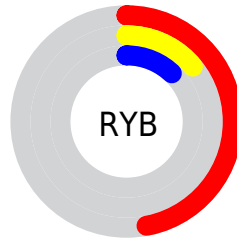
The Hex color **77231E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1E7277**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B0554A**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **771812**, and if you desaturate by 10%, it is **772E2A**.

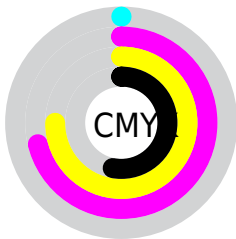
Distribution



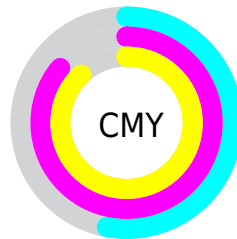
- Red (47%)
- Green (14%)
- Blue (12%)



- Red (47%)
- Yellow (14%)
- Blue (12%)



- Cyan (0%)
- Magenta (71%)
- Yellow (75%)
- Black (53%)



- Cyan (53%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77231E 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 77231E by changing the saturation by 10% instead.

 77231E

 77231E

FFFFFF

 5B0607

 B0554A

 400000

 CE6F62

 260001

 EC897B

 000000

 FFA495

 FFBFB0

 FFDCCB

 FFF9E7

 77231E

 77231E

■ 771812

■ 772E2A

■ 770D06

■ 773936

■ 770700

■ 774542

■ 77504E

■ 775B5A

■ 776665

■ 777271

■ 777D7D

■ 778889

Harmonies

Analogous

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



7A1A3E



77231E



663300

Triad

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



77231E



004D21



004484

Complementary

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



77231E



1E7277

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.



004C7C



77231E



004F44

Square

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



77231E



294900



004F64



443679

Rectangle

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



77231E



563D00



004F64



004783

Sweetspot

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



77231E



9C7B79



771E73



4F3C3A



CFCFCF



4F4F4F

Same Dimension

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



77231E



9C1710



774F1E



3B3535



7A0700



FA0E00

Inverse Universe

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



1E7277



10949C



1E4677



353A3B



00747A



00ECFA

Previews

White Background



This preview shows how the Hex color 77231E looks on a white background.

Color Contrast Check

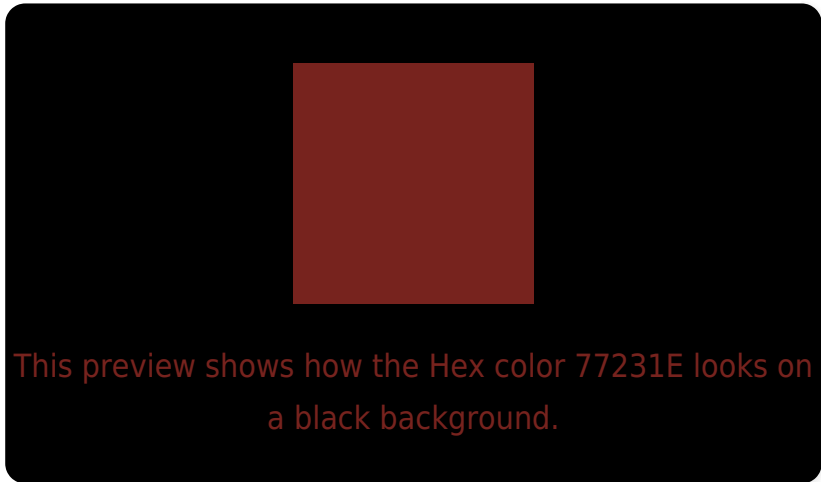
Large Text (above 18pt) WCAG AA ✓ Pass

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 77231E Background



This preview shows how black text looks on a background with the Hex color 77231E.

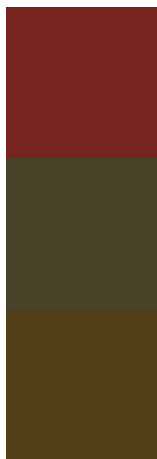


This preview shows how white text looks on a background with the Hex color 77231E.

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
77231E

Protanopia
484228

Deuteranopia
523F18

Trichromacy



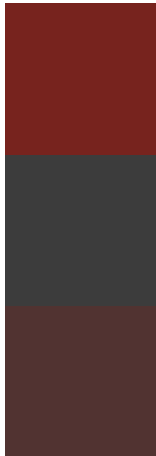
Original Color
77231E

Protanomaly
593724

Deuteranomaly
5F351A

Tritanomaly
772222

Monochromacy



Original Color
77231E

Achromatopsia
3C3C3C

Achromatomaly
513331

CSS Examples

Text

The CSS property to change the color of the text to Hex 77231E 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 #77231E looks like.

```
.text, #text, p{  
    color:#77231E  
}
```

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 #77231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77231E
}
```

Border

The CSS property to change the border of an element to Hex 77231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

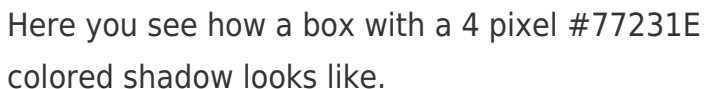
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77231E }
```

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

```
.border{ border-color:#77231E }
```

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



Here you see how a box with a 4 pixel `#77231E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77231E; -webkit-box-shadow:4px 4px  
4px 4px #77231E; box-shadow:4px 4px 4px  
4px #77231E }
```

Background

The CSS property to change the background color of an element to Hex 77231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77231E }
```

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

```
.background{ background-color:#77231E }
```

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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