

Converting Colors

Hex(77211C)

Have a look what the booklet for
Hex(77211C) contains.

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Color

Hex(77211C)

Conversions

Conversions Part 1

Format	Color
Hex	77211C
RGB	119, 33, 28
RGB Percent	47%, 13%, 11%
CMY	0.5333, 0.8706, 0.8902
CMYK	0.00, 0.72, 0.76, 0.53
HSL	3°, 62%, 29%
HSV	3°, 76%, 47%
XYZ	8.3612, 5.0935, 1.6411
YIQ	58.1440, 52.8610, 16.6770

Conversions

Conversions Part 2

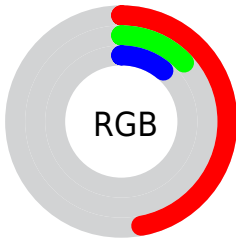
Format	Color
R_{YB}	119, 33, 28
Decimal	7807260
CIE Lab	27.00, 37.03, 24.73
CIE LCh	27, 44.530, 33.741
Yxy	5.0935, 0.5539, 0.3374
Android (android.graphics.Color)	4285997340 (0xFF77211C)
YUV	58.1440, -14.8610, 53.3707
Hunter-Lab	22.5688, 26.6348, 11.4869

Details

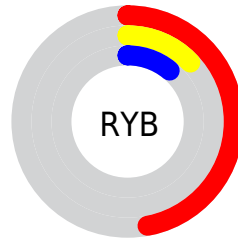
The Hex color **77211C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1C7277**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B15348**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **771610**, and if you desaturate by 10%, it is **772C28**.

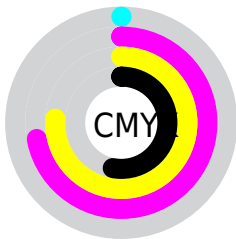
Distribution



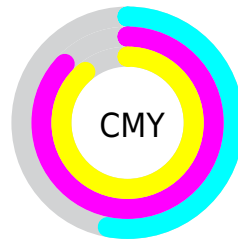
- Red (47%)
- Green (13%)
- Blue (11%)



- Red (47%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77211C 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 77211C by changing the saturation by 10% instead.

 77211C

 77211C

FFFFFF

 5B0304

 B15348

 3F0000

 CE6D60

 260001

 EC8779

 000000

 FFA292

 FFBEAD

 FFDAC8

 FFF7E5

 77211C

 77211C

■ 771610

■ 772C28

■ 770B04

■ 773734

■ 770700

■ 774340

■ 774E4C

■ 775957

■ 776463

■ 77706F

■ 777B7B

■ 778687

Harmonies

Analogous

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



7A163D



77211C



663200

Triad

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



77211C



004D20



004384

Complementary

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



77211C



1C7277

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.



004B7D



77211C



004F43

Square

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



77211C



274800



004E65



433579

Rectangle

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



77211C



553C00



004E65



004684

Sweetspot

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



77211C



9C7A78



771C72



4F3A39



CFCFCF



4F4F4F

Same Dimension

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



77211C



9C140C



774E1C



3B3535



7A0700



FA0E00

Inverse Universe

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



1C7277



0C949C



1C4577



353A3B



00747A



00ECFA

Previews

White Background



This preview shows how the Hex color 77211C looks on a white background.

Color Contrast Check

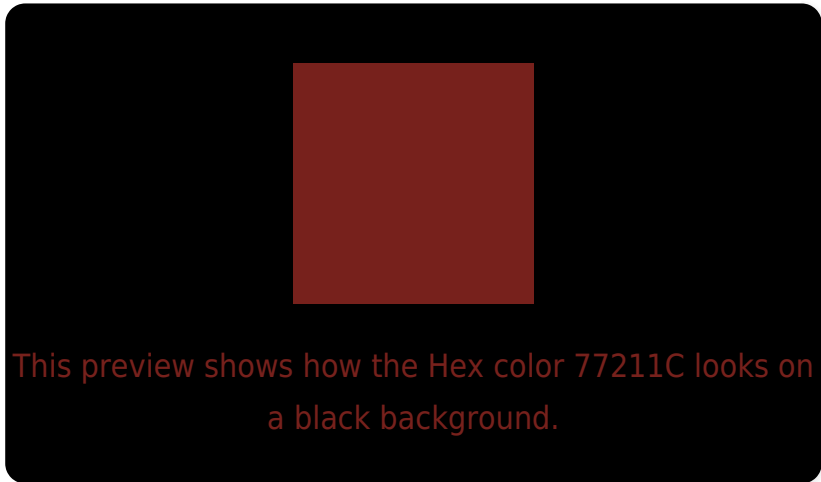
Large Text (above 18pt) WCAG AA ✓ Pass

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 77211C Background



This preview shows how black text looks on a background with the Hex color 77211C.

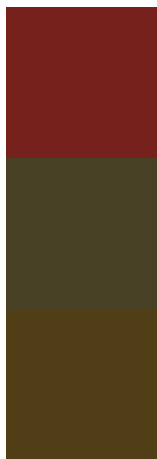


This preview shows how white text looks on a background with the Hex color 77211C.

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
77211C

Protanopia
484126

Deuteranopia
523E16

Trichromacy



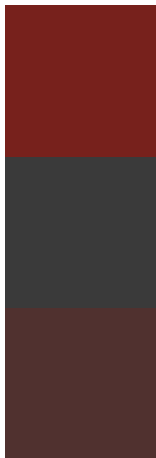
Original Color
77211C

Protanomaly
593522

Deuteranomaly
5F3318

Tritanomaly
77201F

Monochromacy



Original Color
77211C

Achromatopsia
3A3A3A

Achromatomaly
50312F

CSS Examples

Text

The CSS property to change the color of the text to Hex 77211C 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 #77211C looks like.

```
.text, #text, p{  
    color:#77211C  
}
```

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 #77211C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77211C
}
```

Border

The CSS property to change the border of an element to Hex 77211C is called "border". The border property can be set on classes, ids or directly on the HTML element.

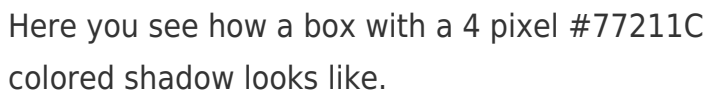
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77211C }
```

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

```
.border{ border-color:#77211C }
```

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



Here you see how a box with a 4 pixel #77211C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77211C; -webkit-box-shadow:4px 4px  
4px 4px #77211C; box-shadow:4px 4px 4px  
4px #77211C }
```

Background

The CSS property to change the background color of an element to Hex 77211C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77211C }
```

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

```
.background{ background-color:#77211C }
```

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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