

Converting Colors

Hex(77471D)

Have a look what the booklet for
Hex(77471D) contains.

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Color

Hex(77471D)

Conversions

Conversions Part 1

Format	Color
Hex	77471D
RGB	119, 71, 29
RGB Percent	47%, 28%, 11%
CMY	0.5333, 0.7216, 0.8863
CMYK	0.00, 0.40, 0.76, 0.53
HSL	28°, 61%, 29%
HSV	28°, 76%, 47%
XYZ	10.0828, 8.5171, 2.2749
YIQ	80.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

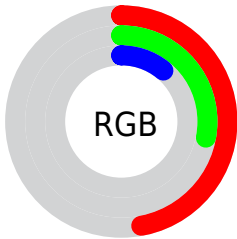
Format	Color
R_YB	119, 108, 29
Decimal	7816989
CIE Lab	35.04, 16.70, 32.91
CIE LCh	35, 36.907, 63.091
Yxy	8.5171, 0.4830, 0.4080
Android (android.graphics.Color)	4286007069 (0xFF77471D)
YUV	80.5640, -25.4211, 33.7084
Hunter-Lab	29.1841, 10.5974, 15.8071

Details

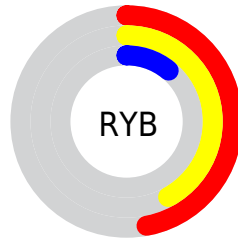
The Hex color **77471D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D4D77**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AF784B**, and **421B00** is the 20% darker color. If you saturate the color by 10%, you get **774111**, and if you desaturate by 10%, it is **774D29**.

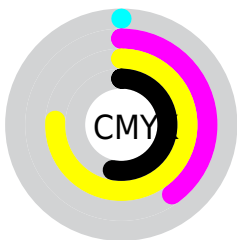
Distribution



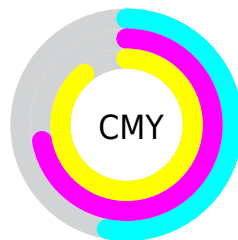
- Red (47%)
- Green (28%)
- Blue (11%)



- Red (47%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (53%)



- Cyan (53%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77471D 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 77471D by changing the saturation by 10% instead.

 77471D

 77471D

FFFFFF

 5C3005

 AF784B

 421B00

 CC9164

 290400

 E9AC7D

 000000

 FFC797

 FFE4B2

 FFFFCE

 FFFFEA

 77471D

 77471D

■ 774111

■ 774D29

■ 773A05

■ 775435

■ 773800

■ 775A41

■ 77604D

■ 776758

■ 776D64

■ 777370

■ 777A7C

■ 778088

Harmonies

Analogous

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



863C34



77471D



5F5212

Triad

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



77471D



006155



574984

Complementary

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



77471D



1D4D77

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.



13558D



77471D



006072

Square

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



77471D



115F36



005C87



793D6E

Rectangle

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



77471D



4C5818



005C87



474D89

Sweetspot

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



77471D



9C8878



771D4D



4F4339



CFCFCF



4F4F4F

Same Dimension

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



77471D



9C500E



77741D



3B3835



7A3900



FA7500

Inverse Universe

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



1D4D77



0E599C



1D2077



35383B



00417A



0085FA

Previews

White Background



This preview shows how the Hex color 77471D 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

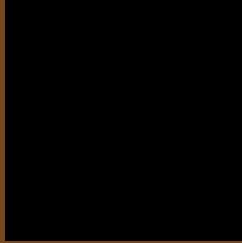
Any Text WCAG AA × Fail

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 77471D Background



This preview shows how black text looks on a background with the Hex color 77471D.



This preview shows how white text looks on a background with the Hex color 77471D.

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
77471D

Protanopia
5C5320

Deuteranopia
684F1B



Tritanopia
794347

Trichromacy



Original Color
77471D

Protanomaly
664F1F

Deuteranomaly
6D4C1C

Tritanomaly
784438

Monochromacy



Original Color
77471D

Achromatopsia
515151

Achromatomaly
5F4D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 77471D 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 #77471D looks like.

```
.text, #text, p{  
    color:#77471D  
}
```

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 #77471D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77471D
}
```

Border

The CSS property to change the border of an element to Hex 77471D is called "border". The border property can be set on classes, ids or directly on the HTML element.

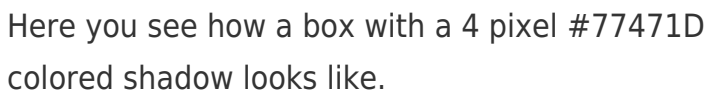
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77471D }
```

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

```
.border{ border-color:#77471D }
```

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



Here you see how a box with a 4 pixel #77471D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77471D; -webkit-box-shadow:4px 4px  
4px 4px #77471D; box-shadow:4px 4px 4px  
4px #77471D }
```

Background

The CSS property to change the background color of an element to Hex 77471D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77471D }
```

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

```
.background{ background-color:#77471D }
```

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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