

Converting Colors

Hex(77312D)

Have a look what the booklet for
Hex(77312D) contains.

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Color

Hex(77312D)

Conversions

Conversions Part 1

Format	Color
Hex	77312D
RGB	119, 49, 45
RGB Percent	47%, 19%, 18%
CMY	0.5333, 0.8078, 0.8235
CMYK	0.00, 0.59, 0.62, 0.53
HSL	3°, 45%, 32%
HSV	3°, 62%, 47%
XYZ	9.1797, 6.3080, 3.2164
YIQ	69.4740, 43.0040, 13.5960

Conversions

Conversions Part 2

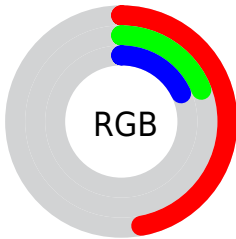
Format	Color
R_{YB}	119, 49, 45
Decimal	7811373
CIE _{Lab}	30.18, 30.37, 17.79
CIE _{LCh}	30, 35.194, 30.363
Yxy	6.3080, 0.4908, 0.3373
Android (android.graphics.Color)	4286001453 (0xFF77312D)
YUV	69.4740, -12.0657, 43.4343
Hunter-Lab	25.1158, 21.2884, 9.9883

Details

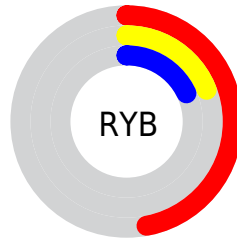
The Hex color **77312D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D7377**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AF625B**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **772621**, and if you desaturate by 10%, it is **773C39**.

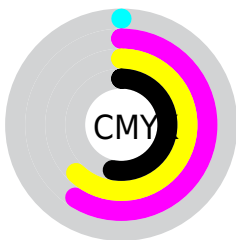
Distribution



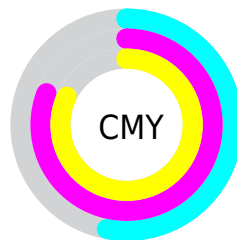
- Red (47%)
- Green (19%)
- Blue (18%)



- Red (47%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77312D 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 77312D by changing the saturation by 10% instead.

 77312D

 77312D

FFFFFF

 5C1918

 AF625B

 420000

 CC7B73

 2B0001

 E9968D

 000000

 FFB1A7

 FFCDC2

 FFE9DE

 FFFFFB

 77312D

 77312D

■ 772621

■ 773C39

■ 771A15

■ 774845

■ 770F09

■ 775351

■ 770600

■ 775E5D

■ 776969

■ 777574

■ 778080

■ 778B8C

■ 779698

Harmonies

Analogous

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



772D48



77312D



6A3B17

Triad

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



77312D



0E522B



004A7E

Complementary

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



77312D



2D7377

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.



005176



77312D



005447

Square

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



77312D



3A4D14



005462



484077

Rectangle

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



77312D



5D430C



005462



004D7D

Sweetspot

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



77312D



9C807E



772D73



4F3E3D



CFCFCF



4F4F4F

Same Dimension

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



77312D



9C2D27



77562D



3B3535



7A0700



FA0E00

Inverse Universe

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



2D7377



27959C



2D4E77



353A3B



00747A



00ECFA

Previews

White Background



This preview shows how the Hex color 77312D looks on a white background.

Color Contrast Check

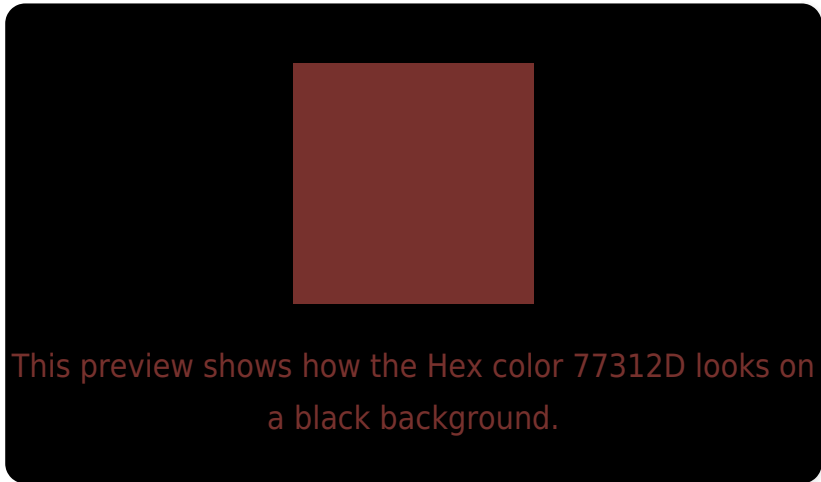
Large Text (above 18pt) WCAG AA ✓ Pass

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 77312D Background



This preview shows how black text looks on a background with the Hex color 77312D.

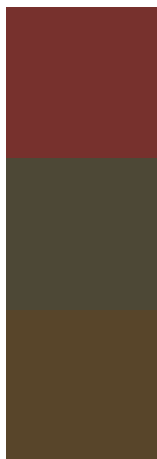


This preview shows how white text looks on a background with the Hex color 77312D.

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
77312D

Protanopia
4D4836

Deuteranopia
58452A

Trichromacy



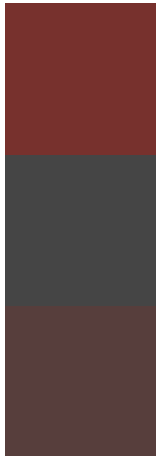
Original Color
77312D

Protanomaly
5C4033

Deuteranomaly
633E2B

Tritanomaly
773031

Monochromacy



Original Color
77312D

Achromatopsia
454545

Achromatomaly
573E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 77312D 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 #77312D looks like.

```
.text, #text, p{  
    color:#77312D  
}
```

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 #77312D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77312D
}
```

Border

The CSS property to change the border of an element to Hex 77312D 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
#77312D }
```

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

```
.border{ border-color:#77312D }
```

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

Here you see how a box with a 4 pixel #77312D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77312D; -webkit-box-shadow:4px 4px  
4px 4px #77312D; box-shadow:4px 4px 4px  
4px #77312D }
```

Background

The CSS property to change the background color of an element to Hex 77312D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77312D }
```

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

```
.background{ background-color:#77312D }
```

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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