

Converting Colors

Hex(77642C)

Have a look what the booklet for
Hex(77642C) contains.

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Color

Hex(77642C)

Conversions

Conversions Part 1

Format	Color
Hex	77642C
RGB	119, 100, 44
RGB Percent	47%, 39%, 17%
CMY	0.5333, 0.6078, 0.8275
CMYK	0.00, 0.16, 0.63, 0.53
HSL	45°, 46%, 32%
HSV	45°, 63%, 47%
XYZ	12.6195, 13.2181, 4.2691
YIQ	99.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

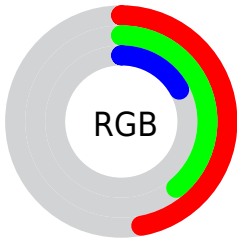
Format	Color
RYB	69, 119, 44
Decimal	7824428
CIELab	43.09, 0.38, 33.93
CIElCh	43, 33.937, 89.361
Yxy	13.2181, 0.4192, 0.4390
Android (android.graphics.Color)	4286014508 (0xFF77642C)
YUV	99.2970, -27.2614, 17.2795
Hunter-Lab	36.3567, -1.6664, 18.4877

Details

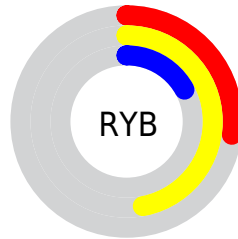
The Hex color **77642C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C3F77**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AD975C**, and **443600** is the 20% darker color. If you saturate the color by 10%, you get **776120**, and if you desaturate by 10%, it is **776738**.

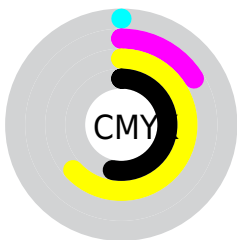
Distribution



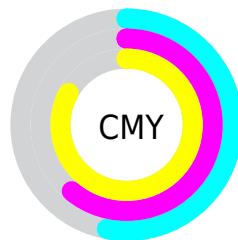
- Red (47%)
- Green (39%)
- Blue (17%)



- Red (27%)
- Yellow (47%)
- Blue (17%)



- Cyan (0%)
- Magenta (16%)
- Yellow (63%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77642C 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 77642C by changing the saturation by 10% instead.



77642C



77642C

FFFFFF



5D4C15



AD975C



443600



C9B175



2C2100



E6CD8F



110A00



FFE9AA



000000



FFFFC5



FFFFE2

FFFFFFE



77642C



77642C

■ 776120

■ 776738

■ 775E14

■ 776A44

■ 775B08

■ 776D50

■ 775900

■ 77705C

■ 777367

■ 777673

■ 77797F

■ 777C8B

■ 777F97

Harmonies

Analogous

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



8D5A36



77642C



5B6C33

Triad

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



77642C



007480



885483

Complementary

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



77642C



2C3F77

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.



675F97



77642C



007095

Square

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



77642C



007464



32699E



994E68

Rectangle

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



77642C



447040



32699E



7F578B

Sweetspot

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



77642C



9C947E



772C40



4F4A3D



CFCFCF



4F4F4F

Same Dimension

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



77642C



9C7E25



65772C



3B3935



7A5B00



FABB00

Inverse Universe

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



2C3F77



25439C



3E2C77



35363B



001F7A



003FFA

Previews

White Background



This preview shows how the Hex color 77642C looks on a white background.

Color Contrast Check

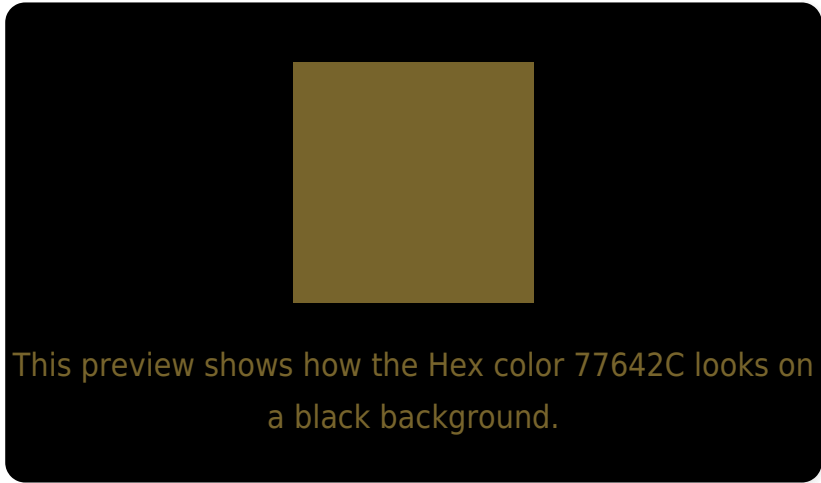
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

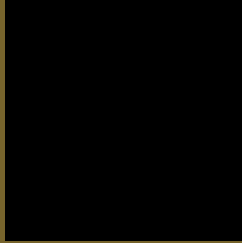
Any Text WCAG AA × Fail

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 77642C Background



This preview shows how black text looks on a background with the Hex color 77642C.



This preview shows how white text looks on a background with the Hex color 77642C.

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
77642C

Protanopia
71662D

Deuteranopia
7E612D



Tritanopia
7C5E65

Trichromacy



Original Color
77642C

Protanomaly
73652D

Deuteranomaly
7B622D

Tritanomaly
7A6050

Monochromacy



Original Color
77642C

Achromatopsia
636363

Achromatomaly
6A634F

CSS Examples

Text

The CSS property to change the color of the text to Hex 77642C 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 #77642C looks like.

```
.text, #text, p{  
    color:#77642C  
}
```

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 #77642C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77642C
}
```

Border

The CSS property to change the border of an element to Hex 77642C 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
#77642C }
```

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

```
.border{ border-color:#77642C }
```

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

Here you see how a box with a 4 pixel #77642C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77642C; -webkit-box-shadow:4px 4px  
4px 4px #77642C; box-shadow:4px 4px 4px  
4px #77642C }
```

Background

The CSS property to change the background color of an element to Hex 77642C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77642C }
```

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

```
.background{ background-color:#77642C }
```

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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