

Converting Colors

Hex(77240C)

Have a look what the booklet for
Hex(77240C) contains.

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Color

Hex(77240C)

Conversions

Conversions Part 1

Format	Color
Hex	77240C
RGB	119, 36, 12
RGB Percent	47%, 14%, 5%
CMY	0.5333, 0.8588, 0.9529
CMYK	0.00, 0.70, 0.90, 0.53
HSL	13°, 82%, 26%
HSV	13°, 90%, 47%
XYZ	8.3050, 5.2102, 0.9158
YIQ	58.0810, 57.1720, 10.1320

Conversions

Conversions Part 2

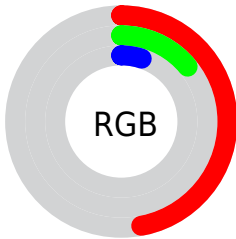
Format	Color
RYB	119, 43, 12
Decimal	7808012
CIELab	27.33, 35.12, 34.01
CIElCh	27, 48.895, 44.080
Yxy	5.2102, 0.5755, 0.3610
Android (android.graphics.Color)	4285998092 (0xFF77240C)
YUV	58.0810, -22.7179, 53.4260
Hunter-Lab	22.8259, 25.0000, 13.5994

Details

The Hex color **77240C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C5F77**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B15639**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **771B00**, and if you desaturate by 10%, it is **772D18**.

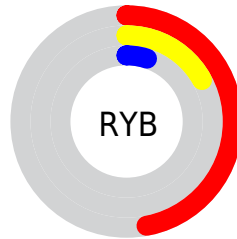
Distribution



Red (47%)

Green (14%)

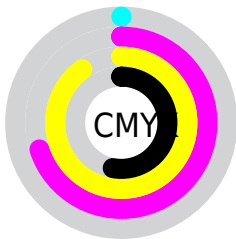
Blue (5%)



Red (47%)

Yellow (17%)

Blue (5%)

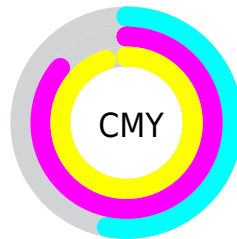


Cyan (0%)

Magenta (70%)

Yellow (90%)

Black (53%)



Cyan (53%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77240C 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 77240C by changing the saturation by 10% instead.

 77240C

 77240C

 FFFFEF

 5B0800

 B15639

 3F0000

 CF6F50

 250001

 EE8969

 000000

 FFA482

 FFC09C

 FFDCB7

 FFF9D3

 77240C

 77240C

■ 771B00

■ 772D18

■ 773624

■ 774030

■ 77493C

■ 775247

■ 775B53

■ 77655F

■ 776E6B

■ 777777

Harmonies

Analogous

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



810E31



77240C



603700

Triad

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



77240C



004F2A



003F8A

Complementary

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



77240C



0C5F77

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.



004B89



77240C



005152

Square

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



77240C



0C4C00



005074



572D77

Rectangle

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



77240C



4C4100



005074



00448C

Sweetspot

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



77240C



9C7B72



770C60



4F3B36



CFCFCF



4F4F4F

Same Dimension

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



77240C



9C2300



77590C



3B3635



7A1B00



FA3800

Inverse Universe

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



0C5F77



00799C



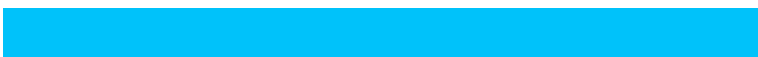
0C2A77



35393B



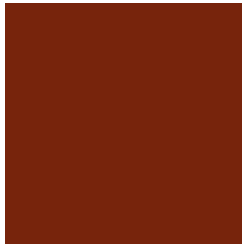
005F7A



00C2FA

Previews

White Background



This preview shows how the Hex color 77240C 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

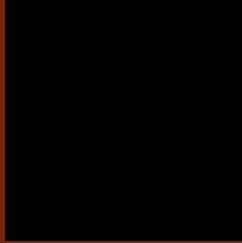
Any Text WCAG AA × Fail

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 77240C Background



This preview shows how black text looks on a background with the Hex color 77240C.



This preview shows how white text looks on a background with the Hex color 77240C.

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
77240C

Protanopia
4A213

Deuteranopia
533F00

Trichromacy



Original Color
77240C

Protanomaly
5A3710

Deuteranomaly
603504

Tritanomaly
78231B

Monochromacy



Original Color
77240C

Achromatopsia
3A3A3A

Achromatomaly
503229

CSS Examples

Text

The CSS property to change the color of the text to Hex 77240C 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 #77240C looks like.

```
.text, #text, p{  
    color:#77240C  
}
```

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 #77240C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77240C
}
```

Border

The CSS property to change the border of an element to Hex 77240C 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".

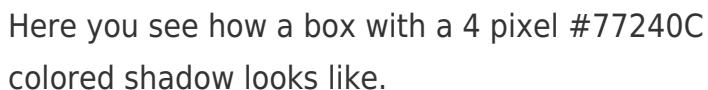
```
.border, #border, table{ border:4px solid
#77240C }
```

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

```
.border{ border-color:#77240C }
```

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

Here you see how a box with a 4 pixel #77240C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77240C; -webkit-box-shadow:4px 4px  
4px 4px #77240C; box-shadow:4px 4px 4px  
4px #77240C }
```

Background

The CSS property to change the background color of an element to Hex 77240C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77240C }
```

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

```
.background{ background-color:#77240C }
```

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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