

# Converting Colors

Hex(77420A)

Have a look what the booklet for  
Hex(77420A) contains.

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**Color**

**Hex(77420A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77420A
RGB	119, 66, 10
RGB Percent	47%, 26%, 4%
CMY	0.5333, 0.7412, 0.9608
CMYK	0.00, 0.45, 0.92, 0.53
HSL	31°, 84%, 25%
HSV	31°, 92%, 47%
XYZ	9.6108, 7.8403, 1.2939
YIQ	75.4630, 49.5640, -6.1800

# Conversions

## Conversions Part 2

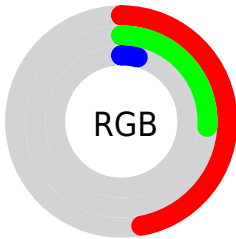
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 119, 10
Decimal	7815690
CIE <sub>Lab</sub>	33.65, 18.94, 39.96
CIE <sub>LCh</sub>	34, 44.221, 64.641
Yxy	7.8403, 0.5127, 0.4183
Android (android.graphics.Color)	4286005770 (0xFF77420A)
YUV	75.4630, -32.2733, 38.1819
Hunter-Lab	28.0005, 12.2665, 16.8605

# Details

The Hex color **77420A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A3F77**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B0723B**, and **411600** is the 20% darker color. If you saturate the color by 10%, you get **773D00**, and if you desaturate by 10%, it is **774816**.

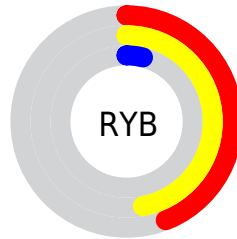
# Distribution



Red (47%)

Green (26%)

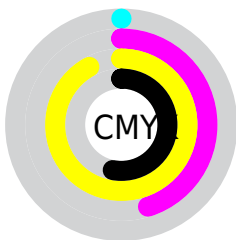
Blue (4%)



Red (44%)

Yellow (47%)

Blue (4%)

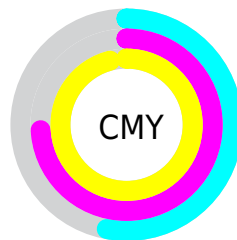


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (53%)



Cyan (53%)

Magenta (74%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77420A 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 77420A by changing the saturation by 10% instead.



 77420A

 77420A

 FFFFF5

 5C2B00

 B0723B

 411600

 CD8C53

 280000

 EBA66C

 000000

 FFC286

 FFDEA1

 FFFABC

 FFFFD8

 77420A

 77420A

■ 773D00

■ 774816

■ 774E22

■ 77532E

■ 77593A

■ 775F45

■ 776551

■ 776B5D

■ 777069

■ 777675

# Harmonies

## Analogous

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



893329



77420A



5B4F00

# Triad

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



77420A



005F54



564389

# Complementary

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



77420A



0A3F77

# 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.



005295



77420A



005F76

# Square

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



77420A



005D2F



005B8E



7D336E

# Rectangle

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



77420A



445602



005B8E



42498F



# Sweetspot

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



77420A



9C8772



770A41



4F4336



CFCFCF



4F4F4F



# Same Dimension

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



77420A



9C5000



77770A



3B3835



7A3F00



FA8000



# Inverse Universe

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



0A3F77



004C9C



0A0A77



35383B



003C7A

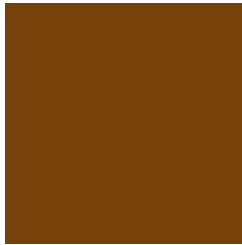


007AFA



# Previews

## White Background



This preview shows how the Hex color 77420A 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

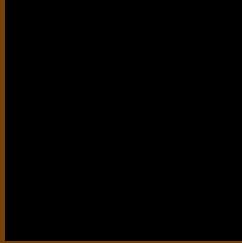
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77420A Background



This preview shows how black text looks on a background with the Hex color 77420A.



This preview shows how white text looks on a background with the Hex color 77420A.

# 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**  
77420A

**Protanopia**  
5A500E

**Deuteranopia**  
654C00



**Tritanopia**  
793D42

# Trichromacy



**Original Color**  
77420A

**Protanomaly**  
654B0D

**Deuteranomaly**  
6C4804

**Tritanomaly**  
783F2E

# Monochromacy



**Original Color**  
77420A

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
5B4833

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77420A 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 #77420A looks like.

```
.text, #text, p{  
    color:#77420A  
}
```

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 #77420A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77420A
}
```

## Border

The CSS property to change the border of an element to Hex 77420A is called "border". The border property can be set on classes, ids or directly on the HTML element.

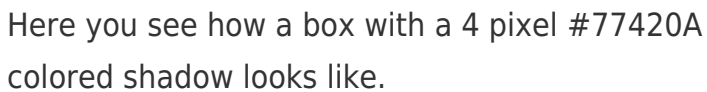
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77420A }
```

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

```
.border{ border-color:#77420A }
```

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



Here you see how a box with a 4 pixel #77420A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77420A; -webkit-box-shadow:4px 4px  
4px 4px #77420A; box-shadow:4px 4px 4px  
4px #77420A }
```

# Background

The CSS property to change the background color of an element to Hex 77420A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77420A }
```

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

```
.background{ background-color:#77420A }
```

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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