

# Converting Colors

Hex(76422A)

Have a look what the booklet for  
Hex(76422A) contains.

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**Color**

**Hex(76422A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76422A
RGB	118, 66, 42
RGB Percent	46%, 26%, 16%
CMY	0.5373, 0.7412, 0.8353
CMYK	0.00, 0.44, 0.64, 0.54
HSL	19°, 48%, 31%
HSV	19°, 64%, 46%
XYZ	9.8373, 7.9151, 3.1998
YIQ	78.8120, 38.6960, 3.5600

# Conversions

## Conversions Part 2

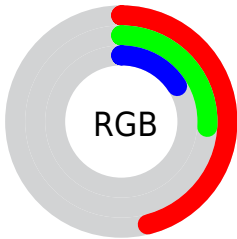
Format	Color
R <sub>Y</sub> B	118, 77, 42
Decimal	7750186
CIE Lab	33.81, 20.08, 24.15
CIE LCh	34, 31.408, 50.265
Yxy	7.9151, 0.4695, 0.3778
Android (android.graphics.Color)	4285940266 (0xFF76422A)
YUV	78.8120, -18.1483, 34.3679
Hunter-Lab	28.1339, 13.1804, 12.9504

# Details

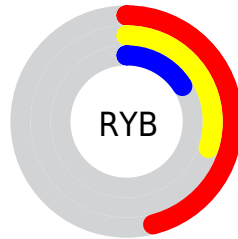
The Hex color **76422A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2A5E76**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AD7358**, and **421500** is the 20% darker color. If you saturate the color by 10%, you get **763A1E**, and if you desaturate by 10%, it is **764A36**.

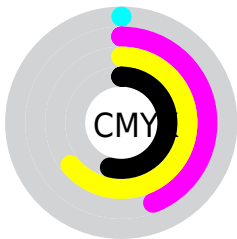
# Distribution



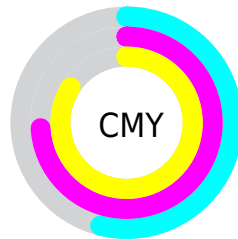
- Red (46%)
- Green (26%)
- Blue (16%)



- Red (46%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (64%)
- Black (54%)



- Cyan (54%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76422A 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 76422A by changing the saturation by 10% instead.



 76422A

 76422A

FFFFFF

 5B2B15

 AD7358

 421500

 CA8C71

 290000

 E7A78A

 000000

 FFC2A5

 FFDEC0

 FFFBDC

 FFFFF8

 76422A

 76422A

■ 763A1E

■ 764A36

■ 763212

■ 765242

■ 762A07

■ 765A4D

■ 762500

■ 766259

■ 766A65

■ 767271

■ 767B7D

■ 768388

■ 768B94

# Harmonies

## Analogous

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



7E3B40



76422A



654B1D

# Triad

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



76422A



005B46



444C7E

# Complementary

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



76422A



2A5E76

# 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.



005580



76422A



005C60

# Square

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



76422A



30592E



005A75



664270

# Rectangle

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



76422A



56511C



005A75



334F80



# Sweetspot

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



76422A



99857C



762A5F



4D403B



CCCCCC



4D4D4D



# Same Dimension

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



76422A



994823



76672A



3B3735



7A2700



FA4F00



# Inverse Universe

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



2A5E76



237499



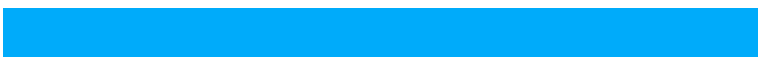
2A3976



35393B



00547A



00ABFA



# Previews

## White Background



This preview shows how the Hex color 76422A looks on a white background.

## Color Contrast Check

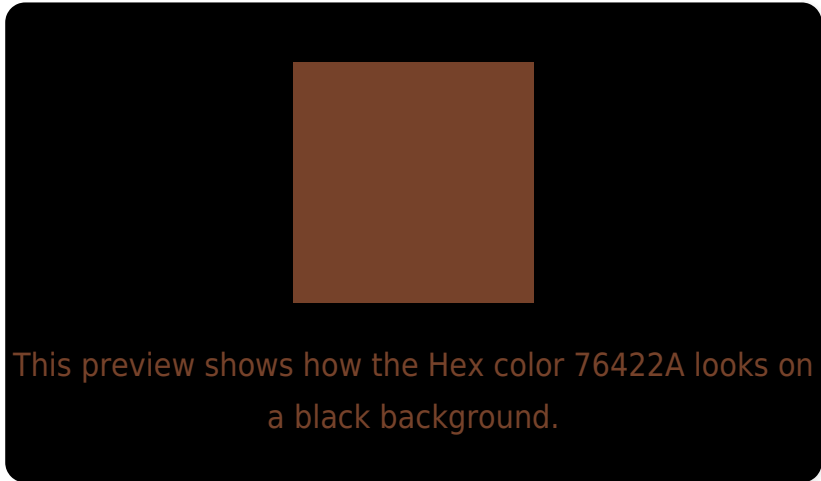
Large Text (above 18pt) WCAG AA ✓ Pass

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 76422A Background



This preview shows how black text looks on a background with the Hex color 76422A.



This preview shows how white text looks on a background with the Hex color 76422A.

# 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**

76422A

**Protanopia**

58502F

**Deuteranopia**

634C28



**Tritanopia**  
783F43

# Trichromacy



**Original Color**  
76422A

**Protanomaly**  
634B2D

**Deuteranomaly**  
6A4829

**Tritanomaly**  
77403A

# Monochromacy



**Original Color**  
76422A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5D4A42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76422A 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 #76422A looks like.

```
.text, #text, p{  
    color:#76422A  
}
```

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 #76422A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76422A
}
```

## Border

The CSS property to change the border of an element to Hex 76422A 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
#76422A }
```

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

```
.border{ border-color:#76422A }
```

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

Here you see how a box with a 4 pixel #76422A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76422A; -webkit-box-shadow:4px 4px  
4px 4px #76422A; box-shadow:4px 4px 4px  
4px #76422A }
```

# Background

The CSS property to change the background color of an element to Hex 76422A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76422A }
```

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

```
.background{ background-color:#76422A }
```

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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