

# Converting Colors

Hex(67422A)

Have a look what the booklet for  
Hex(67422A) contains.

<b>Hex(67422A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(67422A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67422A
RGB	103, 66, 42
RGB Percent	40%, 26%, 16%
CMY	0.5961, 0.7412, 0.8353
CMYK	0.00, 0.36, 0.59, 0.60
HSL	24°, 42%, 28%
HSV	24°, 59%, 40%
XYZ	7.9597, 6.9472, 3.1119
YIQ	74.3270, 29.7560, 0.3800

# Conversions

## Conversions Part 2

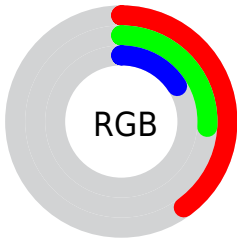
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 82, 42
Decimal	6767146
CIELab	31.69, 13.21, 21.07
CIElCh	32, 24.868, 57.915
Yxy	6.9472, 0.4417, 0.3856
Android (android.graphics.Color)	4284957226 (0xFF67422A)
YUV	74.3270, -15.9372, 25.1462
Hunter-Lab	26.3575, 7.7794, 11.4501

# Details

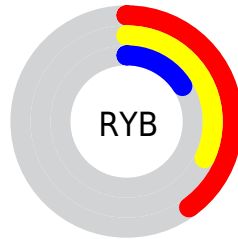
The Hex color **67422A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A4F67**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9C7258**, and **361700** is the 20% darker color. If you saturate the color by 10%, you get **673C20**, and if you desaturate by 10%, it is **674834**.

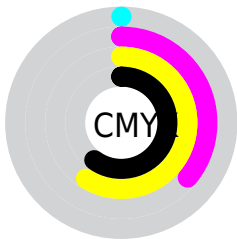
# Distribution



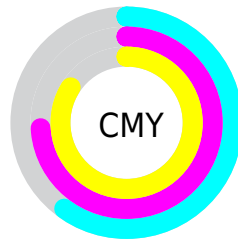
- Red (40%)
- Green (26%)
- Blue (16%)



- Red (40%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (36%)
- Yellow (59%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67422A 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 67422A by changing the saturation by 10% instead.





67422A



67422A

FFFFFF



4D2C15



9C7258



361700



B88C70



1E0000



D4A68A



000000



F1C1A4



FFDDC0



FFFADB



FFFFFF8



67422A



67422A

■ 673C20

■ 674834

■ 673615

■ 674E3F

■ 672F0B

■ 675549

■ 672901

■ 675B53

■ 672900

■ 67615E

■ 676768

■ 676E72

■ 67747C

■ 677A87

# Harmonies

## Analogous

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



6F3C39



67422A



584923

# Triad

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



67422A



075548



4A466D

# Complementary

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



67422A



2A4F67

# 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.



284D71



67422A



00545C

# Square

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



67422A



2C5335



00526B



623F60

# Rectangle

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



67422A



4B4D24



00526B



404870



# Sweetspot

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



67422A



87786F



672A50



453C36



C4C4C4



454545



# Same Dimension

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



67422A



874D27



67602A



33302E



732D00



F25F00



# Inverse Universe

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



2A4F67



276187



2A3167



2E3133



004673



0093F2



# Previews

## White Background



This preview shows how the Hex color 67422A looks on a white background.

## Color Contrast Check

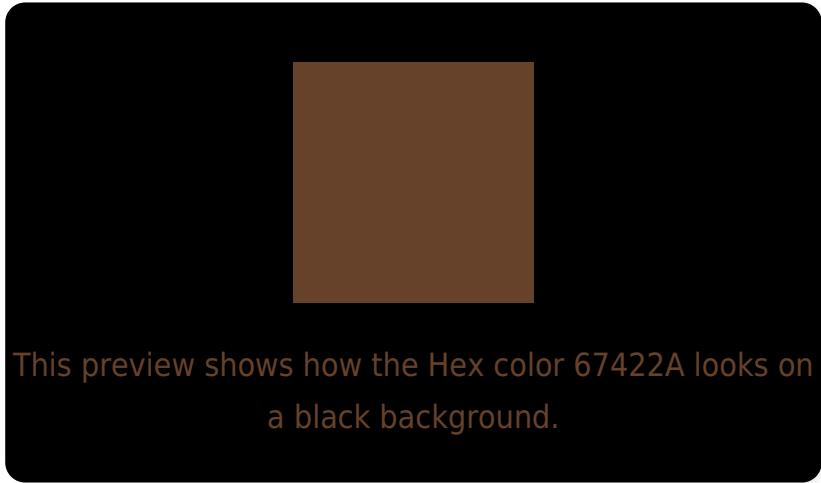
Large Text (above 18pt) WCAG AA ✓ Pass

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 67422A Background



This preview shows how black text looks on a background with the Hex color 67422A.



This preview shows how white text looks on a background with the Hex color 67422A.

# 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**  
67422A

**Protanopia**  
524B2D

**Deuteranopia**  
5C4729



**Tritanopia**  
693F44

# Trichromacy



**Original Color**  
67422A

**Protanomaly**  
5A482C

**Deuteranomaly**  
604529

**Tritanomaly**  
68403B

# Monochromacy



**Original Color**  
67422A

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
55473E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67422A 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 #67422A looks like.

```
.text, #text, p{  
    color:#67422A  
}
```

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 #67422A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67422A
}
```

## Border

The CSS property to change the border of an element to Hex 67422A is called "border". The border property can be set on classes, ids or directly on the HTML element.

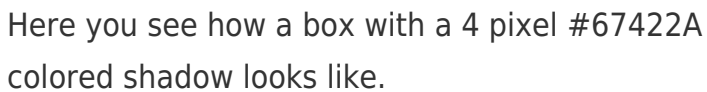
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67422A }
```

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

```
.border{ border-color:#67422A }
```

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



Here you see how a box with a 4 pixel #67422A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67422A; -webkit-box-shadow:4px 4px  
4px 4px #67422A; box-shadow:4px 4px 4px  
4px #67422A }
```

# Background

The CSS property to change the background color of an element to Hex 67422A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67422A }
```

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

```
.background{ background-color:#67422A }
```

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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