

# Converting Colors

Hex(84422A)

Have a look what the booklet for  
Hex(84422A) contains.

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**Color**

**Hex(84422A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84422A
RGB	132, 66, 42
RGB Percent	52%, 26%, 16%
CMY	0.4824, 0.7412, 0.8353
CMYK	0.00, 0.50, 0.68, 0.48
HSL	16°, 52%, 34%
HSV	16°, 68%, 52%
XYZ	11.8819, 8.9691, 3.2955
YIQ	82.9980, 47.0400, 6.5280

# Conversions

## Conversions Part 2

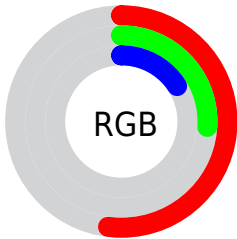
Format	Color
R <sub>Y</sub> B	132, 75, 42
Decimal	8667690
CIE Lab	35.92, 26.19, 27.20
CIE LCh	36, 37.760, 46.078
Yxy	8.9691, 0.4921, 0.3714
Android (android.graphics.Color)	4286857770 (0xFF84422A)
YUV	82.9980, -20.2120, 42.9748
Hunter-Lab	29.9485, 18.4087, 14.4398

# Details

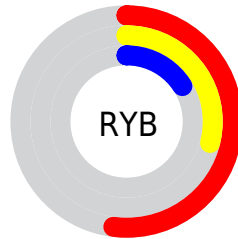
The Hex color **84422A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2A6C84**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BD7358**, and **4E1300** is the 20% darker color. If you saturate the color by 10%, you get **84381D**, and if you desaturate by 10%, it is **844C37**.

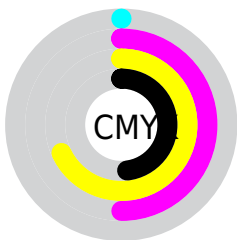
# Distribution



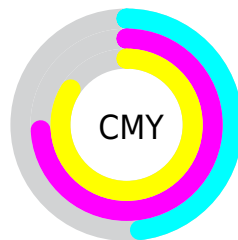
- Red (52%)
- Green (26%)
- Blue (16%)



- Red (52%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (68%)
- Black (48%)



- Cyan (48%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84422A 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 84422A by changing the saturation by 10% instead.



 84422A

 84422A

FFFFFF

 682B15

 BD7358

 4E1300

 DA8D71

 330000

 F8A88A

 140000

 FFC3A5

 000000

 FFDFC0

 FFFCDC

 FFFFF9

 84422A

 84422A

■ 84381D

■ 844C37

■ 842F10

■ 845544

■ 842502

■ 845F52

■ 842300

■ 84695F

■ 84726C

■ 847C79

■ 848686

■ 848F94

■ 8499A1

# Harmonies

## Analogous

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



8C3945



84422A



704E17

# Triad

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



84422A



006245



3B528F

# Complementary

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



84422A



2A6C84

# 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.



005C8F



84422A



006364

# Square

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



84422A



325F28



00617F



6B467F

# Rectangle

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



84422A



5F5513



00617F



205691



# Sweetspot

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



84422A



AB9289



842A6C



574742



D6D6D6



575757



# Same Dimension

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



84422A



AB441F



846F2A



423D3C



822300



030100



# Inverse Universe

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



2A6C84



1F85AB



2A3F84



3C4142



005F82



000203



# Previews

## White Background



This preview shows how the Hex color 84422A looks on a white background.

## Color Contrast Check

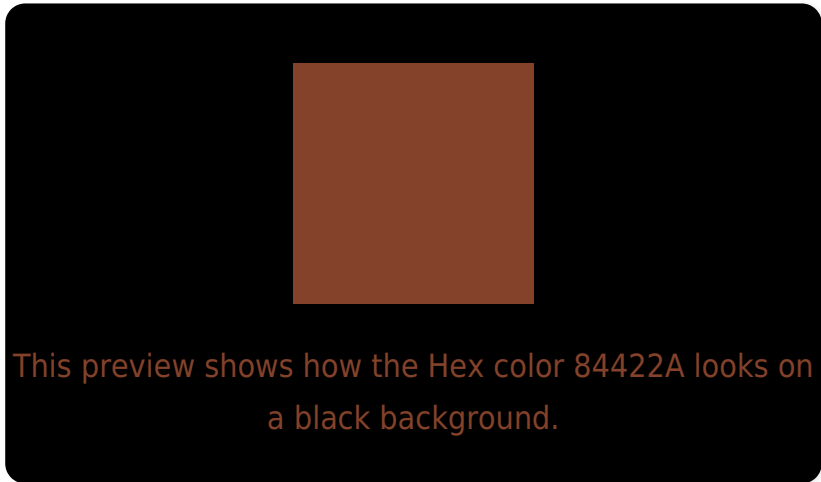
Large Text (above 18pt) WCAG AA ✓ Pass

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 84422A Background



This preview shows how black text looks on a background with the Hex color 84422A.



This preview shows how white text looks on a background with the Hex color 84422A.

# 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**  
84422A

**Protanopia**  
5D5530

**Deuteranopia**  
695127



**Tritanopia**  
853F43

# Trichromacy



**Original Color**  
84422A

**Protanomaly**  
6B4E2E

**Deuteranomaly**  
734C28

**Tritanomaly**  
85403A

# Monochromacy



**Original Color**  
84422A

**Achromatopsia**  
535353

**Achromatomaly**  
654D44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84422A 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 #84422A looks like.

```
.text, #text, p{  
    color:#84422A  
}
```

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 #84422A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84422A
}
```

## Border

The CSS property to change the border of an element to Hex 84422A is called "border". The border property can be set on classes, ids or directly on the HTML element.

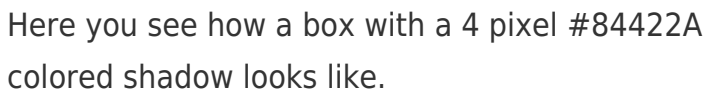
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84422A }
```

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

```
.border{ border-color:#84422A }
```

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



Here you see how a box with a 4 pixel #84422A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84422A; -webkit-box-shadow:4px 4px  
4px 4px #84422A; box-shadow:4px 4px 4px  
4px #84422A }
```

# Background

The CSS property to change the background color of an element to Hex 84422A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84422A }
```

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

```
.background{ background-color:#84422A }
```

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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