

# Converting Colors

Hex(875421)

Have a look what the booklet for  
Hex(875421) contains.

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**Color**

**Hex(875421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875421
RGB	135, 84, 33
RGB Percent	53%, 33%, 13%
CMY	0.4706, 0.6706, 0.8706
CMYK	0.00, 0.38, 0.76, 0.47
HSL	30°, 61%, 33%
HSV	30°, 76%, 53%
XYZ	13.4365, 11.6013, 2.9699
YIQ	93.4350, 46.7670, -5.0490

# Conversions

## Conversions Part 2

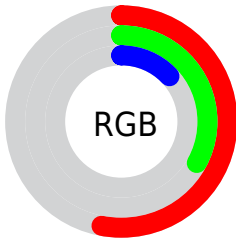
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 135, 33
Decimal	8868897
CIE <sub>Lab</sub>	40.58, 16.61, 37.34
CIE <sub>LCh</sub>	41, 40.866, 66.022
Yxy	11.6013, 0.4797, 0.4142
Android (android.graphics.Color)	4287058977 (0xFF875421)
YUV	93.4350, -29.7945, 36.4525
Hunter-Lab	34.0608, 10.8095, 18.6727

# Details

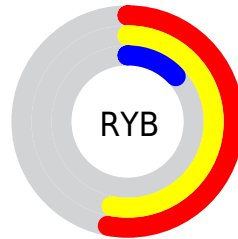
The Hex color **875421** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **215487**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C08650**, and **512600** is the 20% darker color. If you saturate the color by 10%, you get **874D13**, and if you desaturate by 10%, it is **875B2F**.

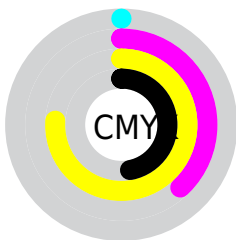
# Distribution



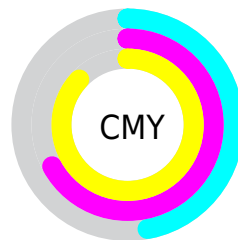
- Red (53%)
- Green (33%)
- Blue (13%)



- Red (53%)
- Yellow (53%)
- Blue (13%)



- Cyan (0%)
- Magenta (38%)
- Yellow (76%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875421 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 875421 by changing the saturation by 10% instead.





875421



875421

FFFFFF



6B3D08



C08650



512600



DDA069



361200



FBBB83



200000



FFD79D



000000



FFF3B9



FFFFD4



FFFFF1



875421



875421

■ 874D13

■ 875B2F

■ 874606

■ 87623C

■ 874400

■ 87684A

■ 876F57

■ 877665

■ 877D72

■ 878380

■ 878A8D

■ 87919B

# Harmonies

## Analogous

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



99473A



875421



6B6017

# Triad

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



875421



007066



6A5496

# Complementary

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



875421



215487

# 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.



2661A2



875421



006F86

# Square

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



875421



096E43



006A9C



8E477B

# Rectangle

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



875421



55661F



006A9C



59599C



# Sweetspot

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



875421



B09C87



872154



594D40



D9D9D9



595959



# Same Dimension

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



875421



B06010



878721



423F3C



824100



030100



# Inverse Universe

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



215487



1060B0



212187



3C3F42



004182



000103



# Previews

## White Background



This preview shows how the Hex color 875421 looks on a white background.

## Color Contrast Check

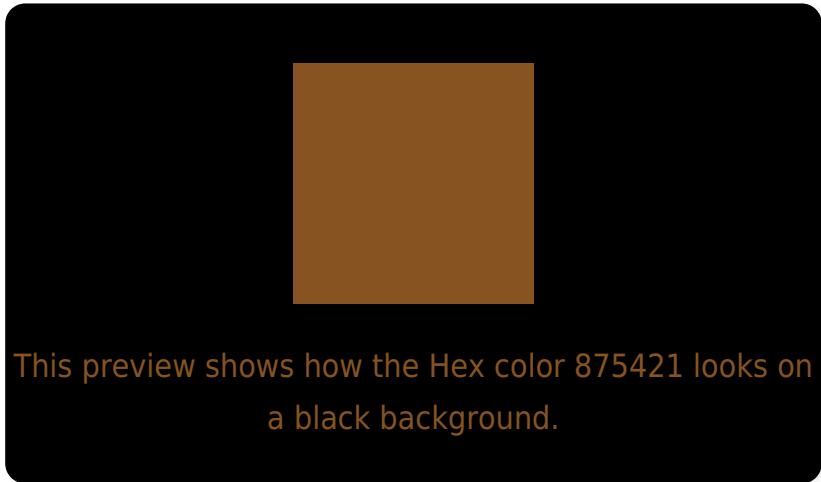
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 875421 Background



This preview shows how black text looks on a background with the Hex color 875421.



This preview shows how white text looks on a background with the Hex color 875421.

# 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**  
875421

**Protanopia**  
6B6024

**Deuteranopia**  
785B1F



**Tritanopia**  
8A4F55

# Trichromacy



**Original Color**  
875421

**Protanomaly**  
755C23

**Deuteranomaly**  
7D5820

**Tritanomaly**  
895142

# Monochromacy



**Original Color**  
875421

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6C5A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875421 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 #875421 looks like.

```
.text, #text, p{  
    color:#875421  
}
```

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 #875421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875421
}
```

## Border

The CSS property to change the border of an element to Hex 875421 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
#875421 }
```

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

```
.border{ border-color:#875421 }
```

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

Here you see how a box with a 4 pixel #875421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875421; -webkit-box-shadow:4px 4px  
4px 4px #875421; box-shadow:4px 4px 4px  
4px #875421 }
```

# Background

The CSS property to change the background color of an element to Hex 875421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875421 }
```

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

```
.background{ background-color:#875421 }
```

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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