

# Converting Colors

Hex(8B5421)

Have a look what the booklet for  
Hex(8B5421) contains.

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**Color**

**Hex(8B5421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B5421
RGB	139, 84, 33
RGB Percent	55%, 33%, 13%
CMY	0.4549, 0.6706, 0.8706
CMYK	0.00, 0.40, 0.76, 0.45
HSL	29°, 62%, 34%
HSV	29°, 76%, 55%
XYZ	14.0923, 11.9394, 3.0006
YIQ	94.6310, 49.1510, -4.2010

# Conversions

## Conversions Part 2

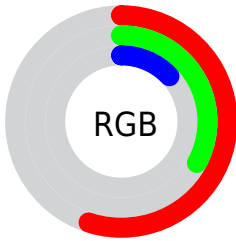
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 131, 33
Decimal	9131041
CIE Lab	41.12, 18.43, 38.07
CIE LCh	41, 42.299, 64.167
Yxy	11.9394, 0.4854, 0.4112
Android (android.graphics.Color)	4287321121 (0xFF8B5421)
YUV	94.6310, -30.3841, 38.9116
Hunter-Lab	34.5535, 12.3309, 19.0387

# Details

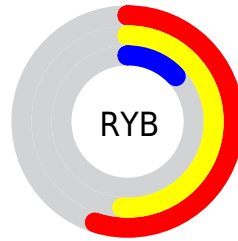
The Hex color **8B5421** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21588B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C48651**, and **542600** is the 20% darker color. If you saturate the color by 10%, you get **8B4D13**, and if you desaturate by 10%, it is **8B5B2F**.

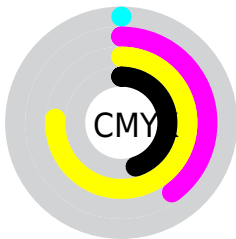
# Distribution



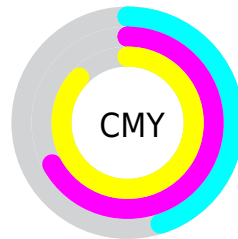
- Red (55%)
- Green (33%)
- Blue (13%)



- Red (55%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B5421 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 8B5421 by changing the saturation by 10% instead.





8B5421



8B5421

FFFFFF



6F3D08



C48651



542600



E2A069



391100



FFBB83



230000



FFD79E



000000



FFF3B9



FFFFD5



FFFFF1



8B5421



8B5421

■ 8B4D13

■ 8B5B2F

■ 8B4605

■ 8B623D

■ 8B4300

■ 8B6A4B

■ 8B7159

■ 8B7866

■ 8B7F74

■ 8B8682

■ 8B8E90

■ 8B959E

# Harmonies

## Analogous

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



9D473C



8B5421



6F6115

# Triad

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



8B5421



007265



69569B

# Complementary

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



8B5421



21588B

# 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.



1863A6



8B5421



007187

# Square

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



8B5421



0C6F41



006C9F



8F4780

# Rectangle

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



8B5421



58671C



006C9F



565BA0



# Sweetspot

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



8B5421



B59F8B



8B215A



5C4E42



DBDBDB



5C5C5C



# Same Dimension

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



8B5421



B55F0E



8B8721



45413E



854000



050200



# Inverse Universe

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



21588B



0E65B5



21258B



3E4245



004585



000305



# Previews

## White Background



This preview shows how the Hex color 8B5421 looks on a white background.

## Color Contrast Check

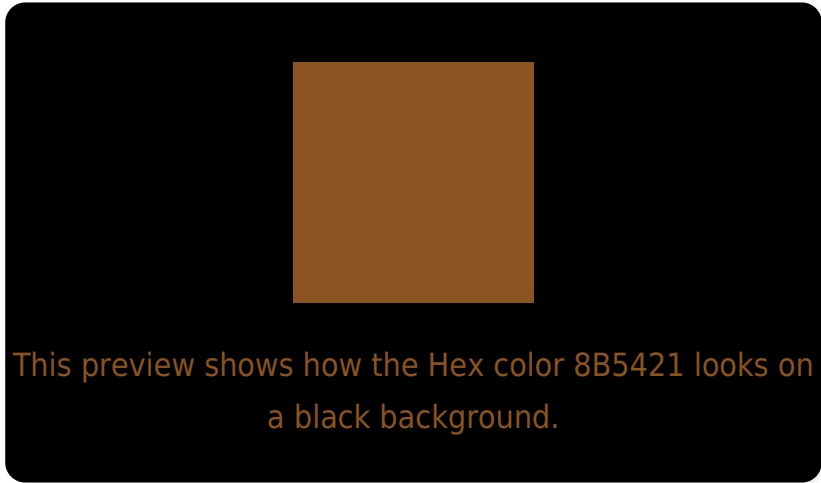
Large Text (above 18pt) WCAG AA ✓ Pass

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

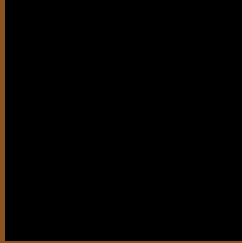
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B5421 Background



This preview shows how black text looks on a background with the Hex color 8B5421.



This preview shows how white text looks on a background with the Hex color 8B5421.

# 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**  
8B5421

**Protanopia**  
6D6225

**Deuteranopia**  
7A5D1E



**Tritanopia**  
8E4F55

# Trichromacy



**Original Color**  
8B5421

**Protanomaly**  
785D24

**Deuteranomaly**  
805A1F

**Tritanomaly**  
8D5142

# Monochromacy



**Original Color**  
8B5421

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6F5B48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B5421 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 #8B5421 looks like.

```
.text, #text, p{  
    color:#8B5421  
}
```

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 #8B5421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B5421
}
```

## Border

The CSS property to change the border of an element to Hex 8B5421 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
#8B5421 }
```

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

```
.border{ border-color:#8B5421 }
```

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

Here you see how a box with a 4 pixel #8B5421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B5421; -webkit-box-shadow:4px 4px  
4px 4px #8B5421; box-shadow:4px 4px 4px  
4px #8B5421 }
```

# Background

The CSS property to change the background color of an element to Hex 8B5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B5421 }
```

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

```
.background{ background-color:#8B5421 }
```

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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