

# Converting Colors

Hex(8B5441)

Have a look what the booklet for  
Hex(8B5441) contains.

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**Color**

**Hex(8B5441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B5441
RGB	139, 84, 65
RGB Percent	55%, 33%, 25%
CMY	0.4549, 0.6706, 0.7451
CMYK	0.00, 0.40, 0.53, 0.45
HSL	15°, 36%, 40%
HSV	15°, 53%, 55%
XYZ	14.7719, 12.2113, 6.5795
YIQ	98.2790, 38.8790, 5.7510

# Conversions

## Conversions Part 2

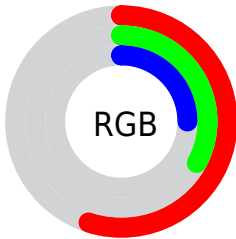
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 91, 65
Decimal	9131073
CIE <sub>Lab</sub>	41.55, 20.76, 20.74
CIE <sub>LCh</sub>	42, 29.349, 44.968
Yxy	12.2113, 0.4401, 0.3638
Android (android.graphics.Color)	4287321153 (0xFF8B5441)
YUV	98.2790, -16.4065, 35.7123
Hunter-Lab	34.9446, 14.3031, 13.2980

# Details

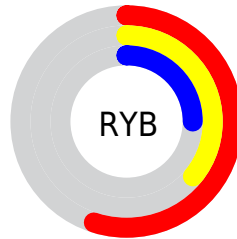
The Hex color **8B5441** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41788B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C38671**, and **562616** is the 20% darker color. If you saturate the color by 10%, you get **8B4A33**, and if you desaturate by 10%, it is **8B5E4F**.

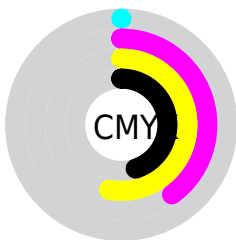
# Distribution



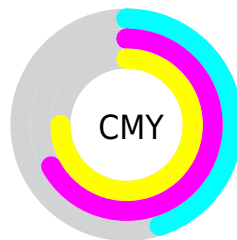
- Red (55%)
- Green (33%)
- Blue (25%)



- Red (55%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (53%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B5441 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 8B5441 by changing the saturation by 10% instead.





8B5441



8B5441

FFFFFF



703C2B



C38671



562616



E0A18B



3D1000



FDBCA5



260000



FFD8C0



000000



FFF4DC



FFFFFF9



8B5441



8B5441



8B4A33



8B5E4F

 8B3F25

 8B695D

 8B3517

 8B736B

 8B2B09

 8B7D79

 8B2400

 8B8886

 8B9294

 8B9CA2

 8BA7B0

 8BB1BE

# Harmonies

## Analogous

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



904F57



8B5441



7C5C33

# Triad

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



8B5441



286E55



516090

# Complementary

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



8B5441



41788B

# 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.



1F6890



8B5441



006F6E

# Square

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



8B5441



4A6A3F



006D83



745784

# Rectangle

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



8B5441



6D6231



006D83



436392



# Sweetspot

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



8B5441



B5A098



8B4178



5C4F4A



DBDBDB



5C5C5C



# Same Dimension

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



8B5441



B55F41



8B7841



45403E



852200



050100



# Inverse Universe

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



41788B



4197B5



41548B



3E4345



006385



000405



# Previews

## White Background



This preview shows how the Hex color 8B5441 looks on a white background.

## Color Contrast Check

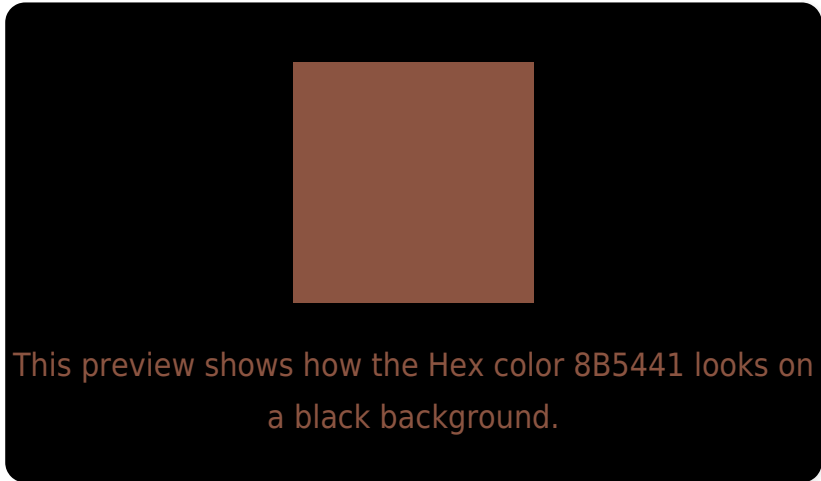
Large Text (above 18pt) WCAG AA ✓ Pass

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

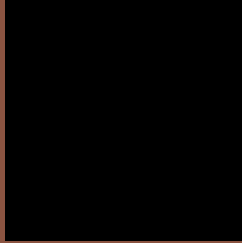
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B5441 Background



This preview shows how black text looks on a background with the Hex color 8B5441.



This preview shows how white text looks on a background with the Hex color 8B5441.

# 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**  
8B5441

**Protanopia**  
6A6247

**Deuteranopia**  
775E3F



**Tritanopia**  
8D5157

# Trichromacy



**Original Color**  
8B5441

**Protanomaly**  
765D45

**Deuteranomaly**  
7E5A40

**Tritanomaly**  
8C524F

# Monochromacy



**Original Color**  
8B5441

**Achromatopsia**  
626262

**Achromatomaly**  
715D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B5441 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 #8B5441 looks like.

```
.text, #text, p{  
    color:#8B5441  
}
```

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 #8B5441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B5441
}
```

## Border

The CSS property to change the border of an element to Hex 8B5441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

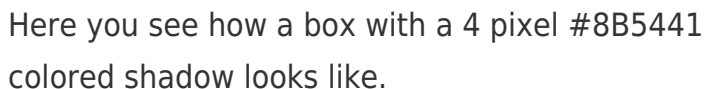
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B5441 }
```

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

```
.border{ border-color:#8B5441 }
```

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



Here you see how a box with a 4 pixel #8B5441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B5441; -webkit-box-shadow:4px 4px  
4px 4px #8B5441; box-shadow:4px 4px 4px  
4px #8B5441 }
```

# Background

The CSS property to change the background color of an element to Hex 8B5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B5441 }
```

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

```
.background{ background-color:#8B5441 }
```

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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