

# Converting Colors

Hex(8E5C21)

Have a look what the booklet for  
Hex(8E5C21) contains.

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**Color**

**Hex(8E5C21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E5C21
RGB	142, 92, 33
RGB Percent	56%, 36%, 13%
CMY	0.4431, 0.6392, 0.8706
CMYK	0.00, 0.35, 0.77, 0.44
HSL	32°, 62%, 34%
HSV	32°, 77%, 56%
XYZ	15.2570, 13.5149, 3.2433
YIQ	100.2240, 48.7390, -7.7490

# Conversions

## Conversions Part 2

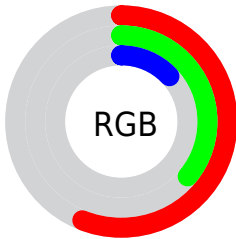
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 142, 33
Decimal	9329697
CIE <sub>Lab</sub>	43.53, 15.15, 40.64
CIE <sub>LCh</sub>	44, 43.369, 69.561
Yxy	13.5149, 0.4766, 0.4221
Android (android.graphics.Color)	4287519777 (0xFF8E5C21)
YUV	100.2240, -33.1414, 36.6376
Hunter-Lab	36.7626, 9.7455, 20.5030

# Details

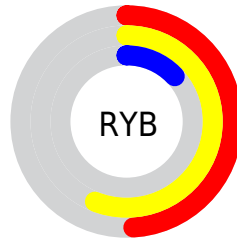
The Hex color **8E5C21** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21538E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C78E51**, and **582E00** is the 20% darker color. If you saturate the color by 10%, you get **8E5513**, and if you desaturate by 10%, it is **8E632F**.

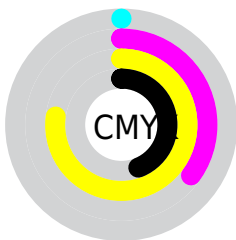
# Distribution



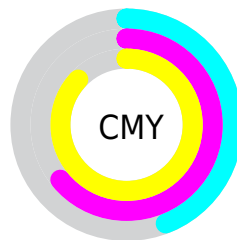
- Red (56%)
- Green (36%)
- Blue (13%)



- Red (49%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (35%)
- Yellow (77%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E5C21 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 8E5C21 by changing the saturation by 10% instead.



 8E5C21

 8E5C21

FFFFFF

 724407

 C78E51

 582E00

 E5A96A

 3C1900

 FFC484

 240000

 FFE09F

 000000

 FFFDBA

 FFFFD6

 FFFFF3

 8E5C21

 8E5C21

■ 8E5513

■ 8E632F

■ 8E4F05

■ 8E693D

■ 8E4D00

■ 8E704C

■ 8E765A

■ 8E7D68

■ 8E8376

■ 8E8A84

■ 8E9093

■ 8E97A1

# Harmonies

## Analogous

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



A34E3B



8E5C21



6F6919

# Triad

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



8E5C21



007872



78589F

# Complementary

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



8E5C21



21538E

# 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.



3567AE



8E5C21



007794

# Square

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



8E5C21



00774C



0071AA



9B4A81

# Rectangle

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



8E5C21



576F24



0071AA



665EA6



# Sweetspot

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



8E5C21



B8A48D



8E2154



5C5042



DBDBDB



5C5C5C



# Same Dimension

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



8E5C21



B86A0F



8A8E21



474440



874900



080400



# Inverse Universe

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



21538E



0F5CB8



25218E



404447



003E87



000408



# Previews

## White Background



This preview shows how the Hex color 8E5C21 looks on a white background.

## Color Contrast Check

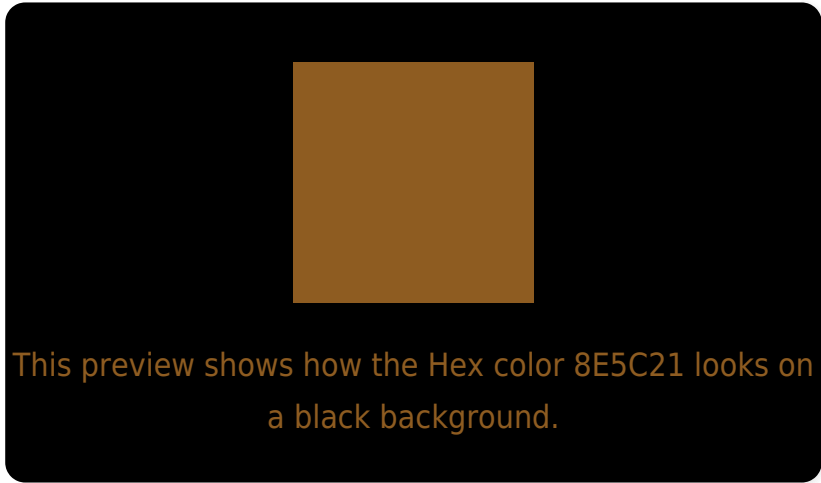
Large Text (above 18pt) WCAG AA ✓ Pass

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

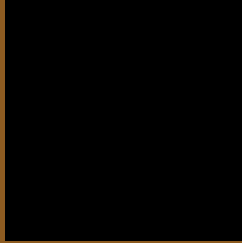
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E5C21 Background



This preview shows how black text looks on a background with the Hex color 8E5C21.



This preview shows how white text looks on a background with the Hex color 8E5C21.

# 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**  
8E5C21

**Protanopia**  
736824

**Deuteranopia**  
82621F



**Tritanopia**  
91565C

# Trichromacy



**Original Color**  
8E5C21

**Protanomaly**  
7D6423

**Deuteranomaly**  
866020

**Tritanomaly**  
905847

# Monochromacy



**Original Color**  
8E5C21

**Achromatopsia**  
646464

**Achromatomaly**  
73614C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E5C21 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 #8E5C21 looks like.

```
.text, #text, p{  
    color:#8E5C21  
}
```

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 #8E5C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E5C21
}
```

## Border

The CSS property to change the border of an element to Hex 8E5C21 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
#8E5C21 }
```

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

```
.border{ border-color:#8E5C21 }
```

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

Here you see how a box with a 4 pixel #8E5C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E5C21; -webkit-box-shadow:4px 4px  
4px 4px #8E5C21; box-shadow:4px 4px 4px  
4px #8E5C21 }
```

# Background

The CSS property to change the background color of an element to Hex 8E5C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E5C21 }
```

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

```
.background{ background-color:#8E5C21 }
```

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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