

# Converting Colors

Hex(8A5627)

Have a look what the booklet for  
Hex(8A5627) contains.

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**Color**

**Hex(8A5627)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A5627
RGB	138, 86, 39
RGB Percent	54%, 34%, 15%
CMY	0.4588, 0.6627, 0.8471
CMYK	0.00, 0.38, 0.72, 0.46
HSL	28°, 56%, 35%
HSV	28°, 72%, 54%
XYZ	14.1752, 12.2053, 3.5282
YIQ	96.1900, 46.0790, -3.5930

# Conversions

## Conversions Part 2

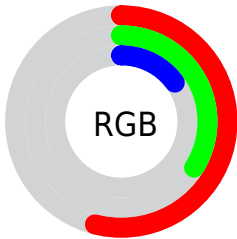
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 128, 39
Decimal	9066023
CIE Lab	41.54, 17.14, 35.45
CIE LCh	42, 39.371, 64.200
Yxy	12.2053, 0.4739, 0.4081
Android (android.graphics.Color)	4287256103 (0xFF8A5627)
YUV	96.1900, -28.1947, 36.6674
Hunter-Lab	34.9361, 11.2876, 18.4676

# Details

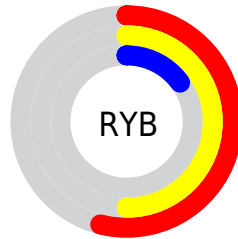
The Hex color **8A5627** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **275B8A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **C38856**, and **542800** is the 20% darker color. If you saturate the color by 10%, you get **8A4F19**, and if you desaturate by 10%, it is **8A5D35**.

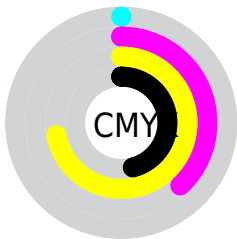
# Distribution



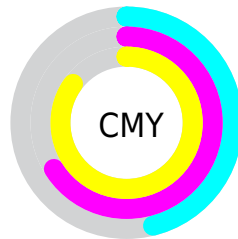
- Red (54%)
- Green (34%)
- Blue (15%)



- Red (54%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (46%)



- Cyan (46%)
- Magenta (66%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A5627 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 8A5627 by changing the saturation by 10% instead.



 8A5627

 8A5627

FFFFFF

 6E3F10

 C38856

 542800

 E0A26F

 391300

 FEBD89

 220000

 FFD9A4

 000000

 FFF6BF

 FFFFDB

 FFFFF8

 8A5627

 8A5627

■ 8A4F19

■ 8A5D35

■ 8A480B

■ 8A6443

■ 8A4200

■ 8A6C50

■ 8A735E

■ 8A7A6C

■ 8A817A

■ 8A8988

■ 8A9095

■ 8A97A3

# Harmonies

## Analogous

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



9B4A3F



8A5627



70621D

# Triad

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



8A5627



007266



6A5898

# Complementary

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



8A5627



275B8A

# 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.



2864A2



8A5627



007185

# Square

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



8A5627



1C7045



006D9C



8D4B7F

# Rectangle

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



8A5627



5A6823



006D9C



595C9D



# Sweetspot

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



8A5627



B39E8B



8A275C



594D42



D9D9D9



595959



# Same Dimension

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



8A5627



B36219



8A8727



45413E



853F00



050200



# Inverse Universe

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



275B8A



196AB3



272A8A



3E4245



004685



000305



# Previews

## White Background



This preview shows how the Hex color 8A5627 looks on a white background.

## Color Contrast Check

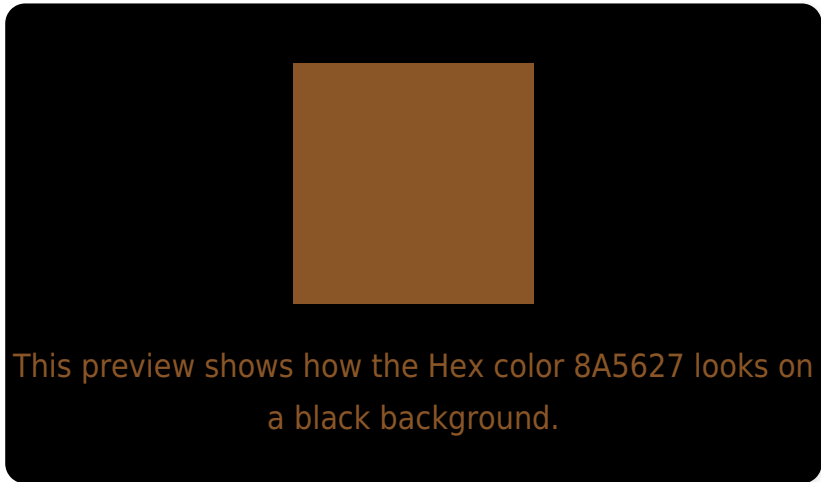
Large Text (above 18pt) WCAG AA ✓ Pass

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

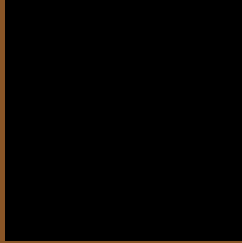
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A5627 Background



This preview shows how black text looks on a background with the Hex color 8A5627.



This preview shows how white text looks on a background with the Hex color 8A5627.

# 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**  
8A5627

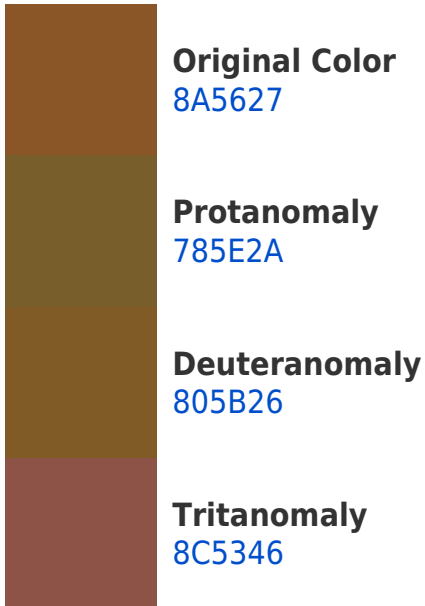
**Protanopia**  
6D632B

**Deuteranopia**  
7B5E25

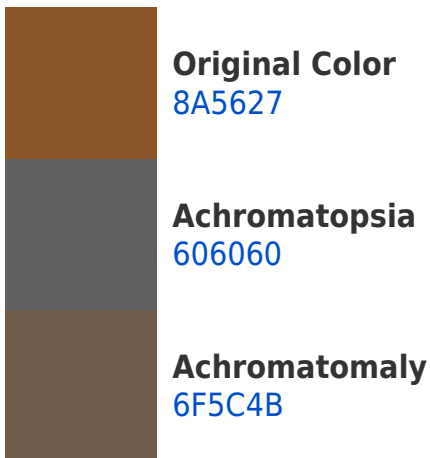


**Tritanopia**  
8D5157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A5627 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 #8A5627 looks like.

```
.text, #text, p{  
    color:#8A5627  
}
```

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 #8A5627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A5627
}
```

## Border

The CSS property to change the border of an element to Hex 8A5627 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
#8A5627 }
```

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

```
.border{ border-color:#8A5627 }
```

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

Here you see how a box with a 4 pixel #8A5627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A5627; -webkit-box-shadow:4px 4px  
4px 4px #8A5627; box-shadow:4px 4px 4px  
4px #8A5627 }
```

# Background

The CSS property to change the background color of an element to Hex 8A5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A5627 }
```

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

```
.background{ background-color:#8A5627 }
```

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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