

# Converting Colors

Hex(8C5728)

Have a look what the booklet for  
Hex(8C5728) contains.

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**Color**

**Hex(8C5728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C5728
RGB	140, 87, 40
RGB Percent	55%, 34%, 16%
CMY	0.4510, 0.6588, 0.8431
CMYK	0.00, 0.38, 0.71, 0.45
HSL	28°, 56%, 35%
HSV	28°, 71%, 55%
XYZ	14.6064, 12.5450, 3.6591
YIQ	97.4890, 46.6750, -3.3810

# Conversions

## Conversions Part 2

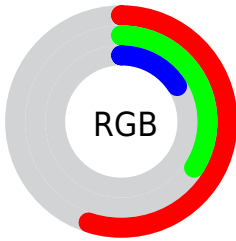
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 129, 40
Decimal	9197352
CIE <sub>Lab</sub>	42.07, 17.52, 35.58
CIE <sub>LCh</sub>	42, 39.658, 63.787
Yxy	12.5450, 0.4741, 0.4072
Android (android.graphics.Color)	4287387432 (0xFF8C5728)
YUV	97.4890, -28.3421, 37.2821
Hunter-Lab	35.4190, 11.6283, 18.6681

# Details

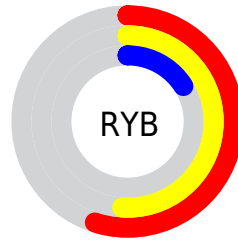
The Hex color **8C5728** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **285D8C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C58957**, and **562900** is the 20% darker color. If you saturate the color by 10%, you get **8C501A**, and if you desaturate by 10%, it is **8C5E36**.

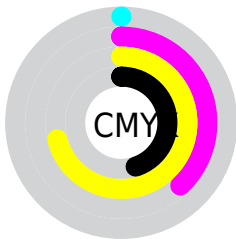
# Distribution



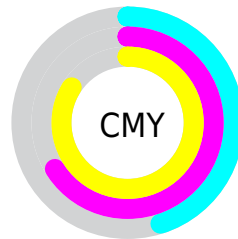
- Red (55%)
- Green (34%)
- Blue (16%)



- Red (55%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5728 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 8C5728 by changing the saturation by 10% instead.





8C5728



8C5728

FFFFFF



703F11



C58957



562900



E2A370



3B1400



FFBF8A



240000



FFDAA5



000000



FFF7C0



FFFFDC



FFFFF9



8C5728



8C5728

■ 8C501A

■ 8C5E36

■ 8C480C

■ 8C6644

■ 8C4200

■ 8C6D52

■ 8C7560

■ 8C7C6E

■ 8C847C

■ 8C8B8A

■ 8C9298

■ 8C9AA6

# Harmonies

## Analogous

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



9D4B41



8C5728



71631E

# Triad

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



8C5728



007367



6A599A

# Complementary

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



8C5728



285D8C

# 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.



2866A4



8C5728



007387

# Square

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



8C5728



1E7145



006E9D



8E4C81

# Rectangle

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



8C5728



5C6924



006E9D



595D9F



# Sweetspot

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



8C5728



B5A18F



8C285D



5C5045



DBDBDB



5C5C5C



# Same Dimension

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



8C5728



B56319



8C8928



45413E



853E00



050200



# Inverse Universe

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



285D8C



196CB5



282B8C



3E4245



004685



000305



# Previews

## White Background



This preview shows how the Hex color 8C5728 looks on a white background.

## Color Contrast Check

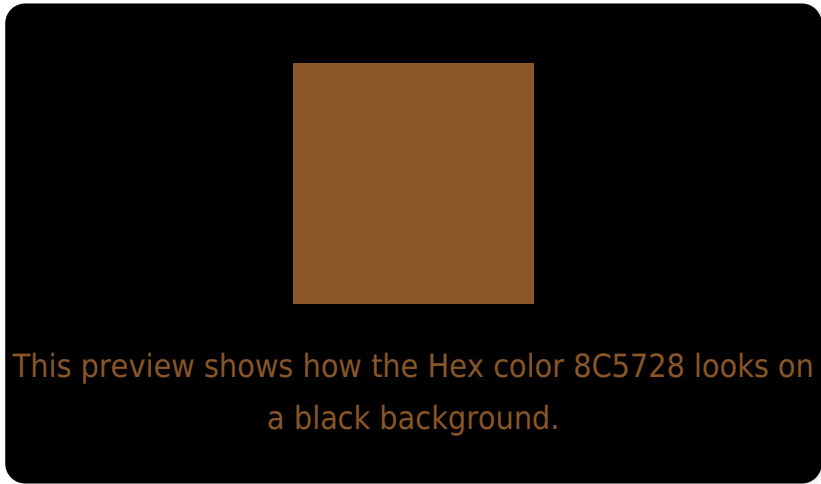
Large Text (above 18pt) WCAG AA ✓ Pass

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

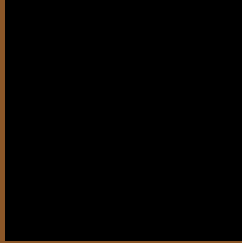
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C5728 Background



This preview shows how black text looks on a background with the Hex color 8C5728.



This preview shows how white text looks on a background with the Hex color 8C5728.

# 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**  
8C5728

**Protanopia**  
6F642C

**Deuteranopia**  
7C5F26



**Tritanopia**  
8F5258

# Trichromacy



**Original Color**  
8C5728

**Protanomaly**  
7A5F2B

**Deuteranomaly**  
825C27

**Tritanomaly**  
8E5447

# Monochromacy



**Original Color**  
8C5728

**Achromatopsia**  
616161

**Achromatomaly**  
715D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5728 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 #8C5728 looks like.

```
.text, #text, p{  
    color:#8C5728  
}
```

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 #8C5728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5728  
}
```

## Border

The CSS property to change the border of an element to Hex 8C5728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

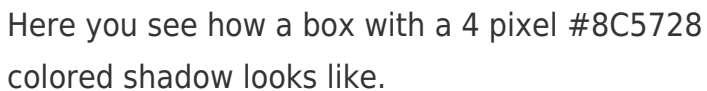
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8C5728 }
```

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

```
.border{ border-color:#8C5728 }
```

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



Here you see how a box with a 4 pixel #8C5728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5728; -webkit-box-shadow:4px 4px  
4px 4px #8C5728; box-shadow:4px 4px 4px  
4px #8C5728 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5728 }
```

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

```
.background{ background-color:#8C5728 }
```

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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