

# Converting Colors

Hex(8C463A)

Have a look what the booklet for  
Hex(8C463A) contains.

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**Color**

**Hex(8C463A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C463A
RGB	140, 70, 58
RGB Percent	55%, 27%, 23%
CMY	0.4510, 0.7255, 0.7725
CMYK	0.00, 0.50, 0.59, 0.45
HSL	9°, 41%, 39%
HSV	9°, 59%, 55%
XYZ	13.7691, 10.2613, 5.2579
YIQ	89.5620, 45.5720, 11.1080

# Conversions

## Conversions Part 2

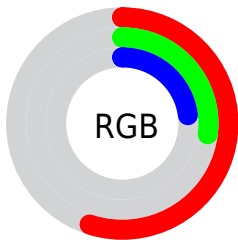
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 72, 58
Decimal	9193018
CIE <sub>Lab</sub>	38.31, 28.52, 20.80
CIE <sub>LCh</sub>	38, 35.297, 36.112
Yxy	10.2613, 0.4701, 0.3504
Android (android.graphics.Color)	4287383098 (0xFF8C463A)
YUV	89.5620, -15.5601, 44.2341
Hunter-Lab	32.0332, 20.6681, 12.6914

# Details

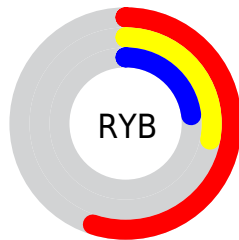
The Hex color **8C463A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3A808C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C57869**, and **551710** is the 20% darker color. If you saturate the color by 10%, you get **8C3A2C**, and if you desaturate by 10%, it is **8C5248**.

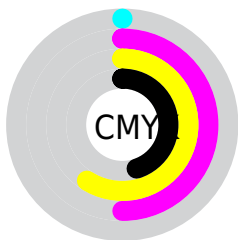
# Distribution



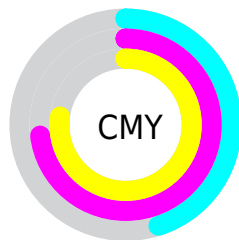
- Red (55%)
- Green (27%)
- Blue (23%)



- Red (55%)
- Yellow (28%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (45%)



- Cyan (45%)
- Magenta (73%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C463A 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 8C463A by changing the saturation by 10% instead.



 8C463A

 8C463A

FFFFFF

 702E24

 C57869

 551710

 E29283

 3B0000

 FFAD9D

 230001

 FFC9B8

 000000

 FFE5D3

 FFFFF0

 8C463A

 8C463A

 8C3A2C

 8C5248

 8C2E1E

 8C5E56

 8C2210

 8C6A64

 8C1602

 8C7672

 8C1400

 8C8280

 8C8E8E

 8C9A9C

 8CA6AA

 8CB2B8

# Harmonies

## Analogous

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



8F4155



8C463A



7D5025

# Triad

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



8C463A



1B6742



305B93

# Complementary

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



8C463A



3A808C

# 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.



00638E



8C463A



00685F

# Square

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



8C463A



47622A



00677B



645089

# Rectangle

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



8C463A



6E571F



00677B



0C5E93



# Sweetspot

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



8C463A



B59994



8C3A81



5C4B48



DBDBDB



5C5C5C



# Same Dimension

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



8C463A



B54936



8C6E3A



453F3E



851300



050100



# Inverse Universe

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



3A808C



36A3B5



3A588C



3E4445



007185

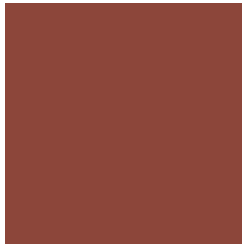


000405



# Previews

## White Background



This preview shows how the Hex color 8C463A looks on a white background.

## Color Contrast Check

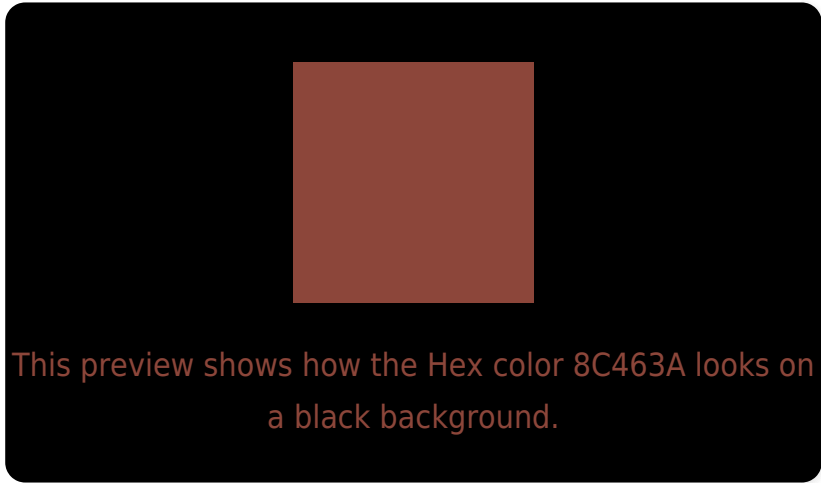
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C463A Background



This preview shows how black text looks on a background with the Hex color 8C463A.



This preview shows how white text looks on a background with the Hex color 8C463A.

# 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**  
8C463A

**Protanopia**  
625B42

**Deuteranopia**  
6E5737



**Tritanopia**  
8D4449

# Trichromacy



**Original Color**  
8C463A

**Protanomaly**  
71533F

**Deuteranomaly**  
795138

**Tritanomaly**  
8D4544

# Monochromacy



**Original Color**  
8C463A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6C534E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C463A 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 #8C463A looks like.

```
.text, #text, p{  
    color:#8C463A  
}
```

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 #8C463A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C463A
}
```

## Border

The CSS property to change the border of an element to Hex 8C463A is called "border". The border property can be set on classes, ids or directly on the HTML element.

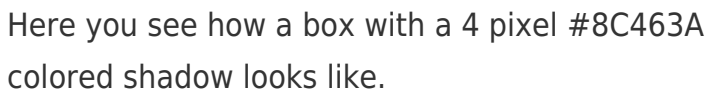
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C463A }
```

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

```
.border{ border-color:#8C463A }
```

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



Here you see how a box with a 4 pixel #8C463A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C463A; -webkit-box-shadow:4px 4px  
4px 4px #8C463A; box-shadow:4px 4px 4px  
4px #8C463A }
```

# Background

The CSS property to change the background color of an element to Hex 8C463A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C463A }
```

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

```
.background{ background-color:#8C463A }
```

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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