

# Converting Colors

Hex(8C563F)

Have a look what the booklet for  
Hex(8C563F) contains.

|  |    |
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**Color**

**Hex(8C563F)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 8C563F                   |
| RGB         | 140, 86, 63              |
| RGB Percent | 55%, 34%, 25%            |
| CMY         | 0.4510, 0.6627, 0.7529   |
| CMYK        | 0.00, 0.39, 0.55, 0.45   |
| HSL         | 18°, 38%, 40%            |
| HSV         | 18°, 55%, 55%            |
| XYZ         | 15.0402, 12.5899, 6.3400 |
| YIQ         | 99.5240, 39.5670, 4.2950 |

# Conversions

## Conversions Part 2

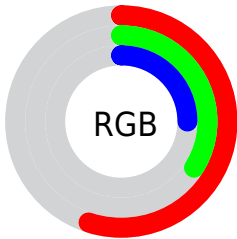
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 140, 96, 63                   |
| Decimal                             | 9197119                       |
| CIE Lab                             | 42.14, 19.84, 22.72           |
| CIE LCh                             | 42, 30.167, 48.865            |
| Yxy                                 | 12.5899, 0.4427,<br>0.3706    |
| Android<br>(android.graphics.Color) | 4287387199<br>(0xFF8C563F)    |
| YUV                                 | 99.5240, -18.0063,<br>35.4975 |
| Hunter-Lab                          | 35.4823, 13.5686,<br>14.2436  |

# Details

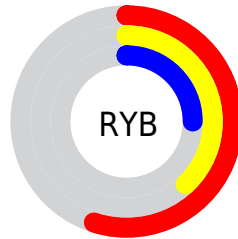
The Hex color **8C563F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F758C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C4886F**, and **562814** is the 20% darker color. If you saturate the color by 10%, you get **8C4C31**, and if you desaturate by 10%, it is **8C604D**.

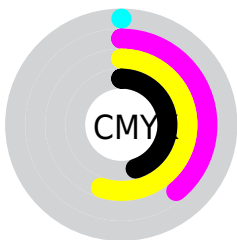
# Distribution



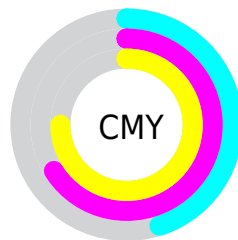
- Red (55%)
- Green (34%)
- Blue (25%)



- Red (55%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C563F 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 8C563F by changing the saturation by 10% instead.



 8C563F

 8C563F

FFFFFFF

 713E29

 C4886F

 562814

 E1A388

 3D1200

 FFBEA3

 260000

 FFDABE

 000000

 FFF6DA

 FFFFF6

 8C563F

 8C563F

 8C4C31

 8C604D

■ 8C4223

■ 8C6A5B

■ 8C3915

■ 8C7369

■ 8C2F07

■ 8C7D77

■ 8C2A00

■ 8C8785

■ 8C9193

■ 8C9BA1

■ 8CA5AF

■ 8CAEBD

# Harmonies

## Analogous

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



935055



8C563F



7B5F32

# Triad

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



8C563F



217059



576092

# Complementary

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



8C563F



3F758C

# 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.



266994



8C563F



007073

# Square

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



8C563F



476D42



006E88



795784

# Rectangle

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



8C563F



6C6431



006E88



496394



# Sweetspot

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



8C563F



B59F96



8C3F76



5C4F49



DBDBDB



5C5C5C



# Same Dimension

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



8C563F



B5613E



8C7B3F



45403E



852800



050200



# Inverse Universe

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



3F758C



3E91B5



3F508C



3E4345



005D85



000405



# Previews

## White Background



This preview shows how the Hex color 8C563F 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 8C563F Background



This preview shows how black text looks on a background with the Hex color 8C563F.



This preview shows how white text looks on a background with the Hex color 8C563F.

# 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**  
8C563F

**Protanopia**  
6C6445

**Deuteranopia**  
795F3D



**Tritanopia**  
8E5359

# Trichromacy



**Original Color**  
8C563F

**Protanomaly**  
785F43

**Deuteranomaly**  
805C3E

**Tritanomaly**  
8D5450

# Monochromacy



**Original Color**  
8C563F

**Achromatopsia**  
646464

**Achromatomaly**  
735F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C563F 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 #8C563F looks like.

```
.text, #text, p{  
    color:#8C563F  
}
```

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 #8C563F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C563F
}
```

## Border

The CSS property to change the border of an element to Hex 8C563F is called "border". The border property can be set on classes, ids or directly on the HTML element.

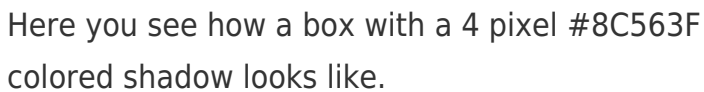
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C563F }
```

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

```
.border{ border-color:#8C563F }
```

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



Here you see how a box with a 4 pixel #8C563F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C563F; -webkit-box-shadow:4px 4px  
4px 4px #8C563F; box-shadow:4px 4px 4px  
4px #8C563F }
```

# Background

The CSS property to change the background color of an element to Hex 8C563F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C563F }
```

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

```
.background{ background-color:#8C563F }
```

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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