

# Converting Colors

Hex(C8635A)

Have a look what the booklet for  
Hex(C8635A) contains.

<b>Hex(C8635A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C8635A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8635A
RGB	200, 99, 90
RGB Percent	78%, 39%, 35%
CMY	0.2157, 0.6118, 0.6471
CMYK	0.00, 0.51, 0.55, 0.22
HSL	5°, 50%, 57%
HSV	5°, 55%, 78%
XYZ	30.1267, 21.9412, 12.3201
YIQ	128.1730, 63.0850, 18.6130

# Conversions

## Conversions Part 2

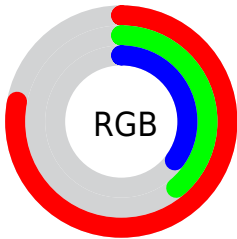
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 100, 90
Decimal	13132634
CIE <sub>Lab</sub>	53.96, 39.34, 23.89
CIE <sub>LCh</sub>	54, 46.028, 31.274
Yxy	21.9412, 0.4679, 0.3408
Android (android.graphics.Color)	4291322714 (0xFFC8635A)
YUV	128.1730, -18.8193, 62.9923
Hunter-Lab	46.8415, 32.8321, 17.1948

# Details

The Hex color **C8635A** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **5ABFC8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF988C**, and **8D302C** is the 20% darker color. If you saturate the color by 10%, you get **C85146**, and if you desaturate by 10%, it is **C8756E**.

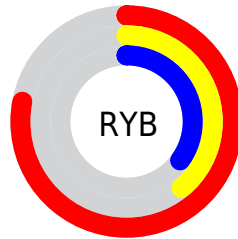
# Distribution



Red (78%)

Green (39%)

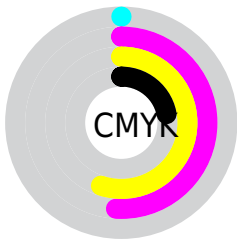
Blue (35%)



Red (78%)

Yellow (39%)

Blue (35%)

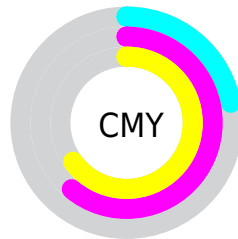


Cyan (0%)

Magenta (51%)

Yellow (55%)

Black (22%)



Cyan (22%)

Magenta (61%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8635A 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 C8635A by changing the saturation by 10% instead.



 C8635A

 C8635A


FFFFFF

 AA4942

 FF988C

 8D302C

 FFB3A7

 711517

 FFCFC2

 550000

 FFECDE

 3A0000

 FFFFFA

 1A0001

 000000

 C8635A

 C8635A

 C85146

 C8756E

 C83E32

 C88882

 C82C1E

 C89A96

 C81A0A

 C8ACAA

 C81000

 C8BFBE

 C8D1D2

 C8E4E6

 C8F6FA

 C8FFFF

# Harmonies

## Analogous

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



C95E81



C8635A



B5713B

# Triad

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



C8635A



369259



3285D0

# Complementary

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



C8635A



5ABFC8

# 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.



008FC6



C8635A



009581

# Square

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



C8635A



6D8B39



0094A9



8576C5

# Rectangle

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



C8635A



A17B2F



0094A9



0089CF



# Sweetspot

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



C8635A



FFD7D4



C85AC1



806866



000000



808080



# Same Dimension

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



C8635A



FF6457



C8985A



635A5A



A30D00



240300



# Inverse Universe

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



5ABFC8



57F1FF



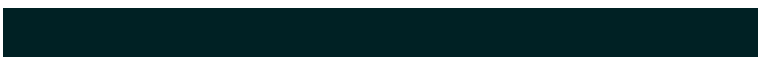
5A8AC8



5A6363



0096A3



002124



# Previews

## White Background



This preview shows how the Hex color C8635A looks on a white background.

## Color Contrast Check

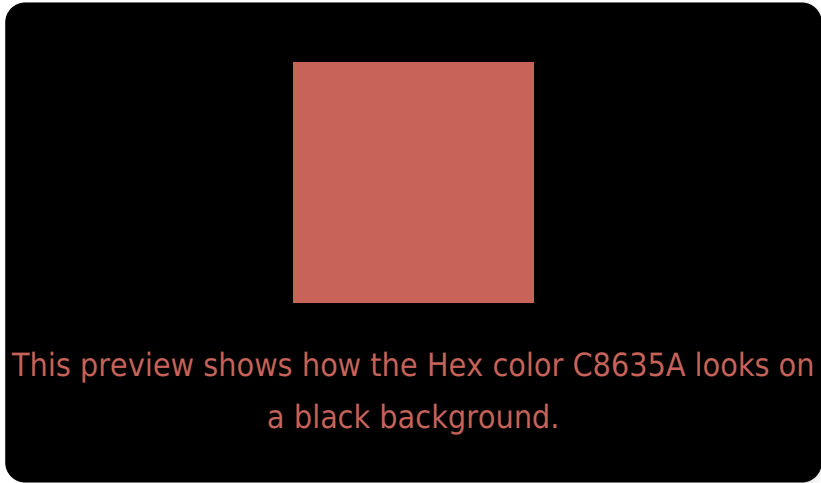
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C8635A Background



This preview shows how black text looks on a background with the Hex color C8635A.



This preview shows how white text looks on a background with the Hex color C8635A.

# 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](#).

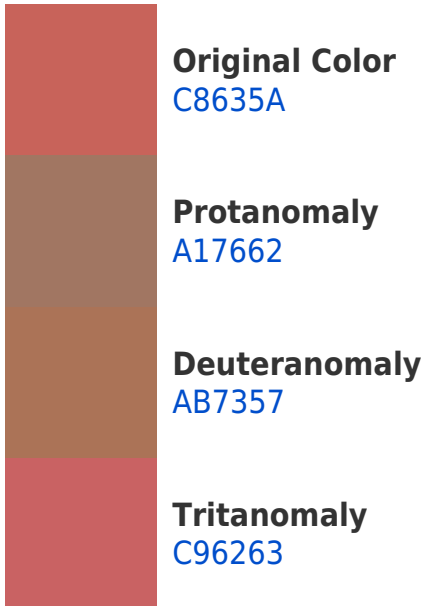
## Dichromacy



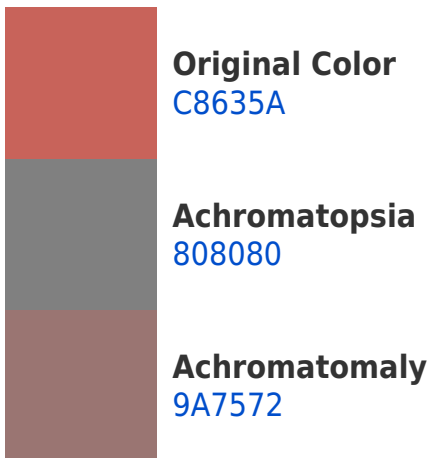


**Tritanopia**  
C96168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8635A 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 #C8635A looks like.

```
.text, #text, p{  
    color:#C8635A  
}
```

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 #C8635A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8635A
}
```

## Border

The CSS property to change the border of an element to Hex C8635A is called "border". The border property can be set on classes, ids or directly on the HTML element.

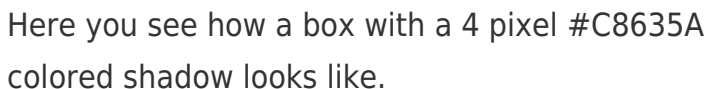
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8635A }
```

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

```
.border{ border-color:#C8635A }
```

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



Here you see how a box with a 4 pixel `#C8635A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8635A; -webkit-box-shadow:4px 4px  
4px 4px #C8635A; box-shadow:4px 4px 4px  
4px #C8635A }
```

# Background

The CSS property to change the background color of an element to Hex C8635A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8635A }
```

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

```
.background{ background-color:#C8635A }
```

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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