

# Converting Colors

Hex(C8634A)

Have a look what the booklet for  
Hex(C8634A) contains.

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# Color

**Hex(C8634A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8634A
RGB	200, 99, 74
RGB Percent	78%, 39%, 29%
CMY	0.2157, 0.6118, 0.7098
CMYK	0.00, 0.51, 0.63, 0.22
HSL	12°, 53%, 54%
HSV	12°, 63%, 78%
XYZ	29.5173, 21.6975, 9.1109
YIQ	126.3490, 68.2210, 13.6370

# Conversions

## Conversions Part 2

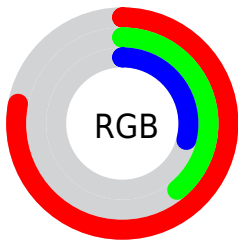
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 105, 74</a>
Decimal	<a href="#">13132618</a>
CIELab	<a href="#">53.70, 38.15, 32.70</a>
CIElCh	<a href="#">54, 50.245, 40.606</a>
Yxy	<a href="#">21.6975, 0.4893, 0.3597</a>
Android (android.graphics.Color)	<a href="#">4291322698 (0xFFC8634A)</a>
YUV	<a href="#">126.3490, -25.8081, 64.5919</a>
Hunter-Lab	<a href="#">46.5805, 31.5965, 21.0096</a>

# Details

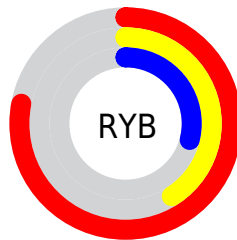
The Hex color **C8634A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4AAFC8**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF987B**, and **8D301D** is the 20% darker color. If you saturate the color by 10%, you get **C85336**, and if you desaturate by 10%, it is **C8735E**.

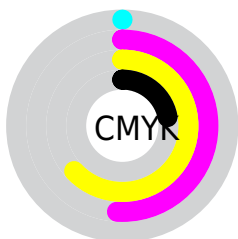
# Distribution



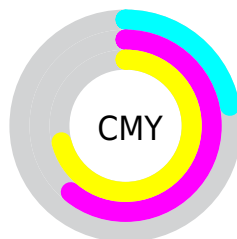
- Red (78%)
- Green (39%)
- Blue (29%)



- Red (78%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8634A 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 C8634A by changing the saturation by 10% instead.



 C8634A

 C8634A

FFFFFF

 AA4A33

 FF987B

 8D301D

 FFB395

 701606

 FFCFB0

 530000

 FFECCC

 380000

 FFFFFE8

 170000

 000000

 C8634A

 C8634A

 C85336

 C8735E

 C84322

 C88372

 C8330E

 C89386

 C82800

 C8A39A

 C8B3AE

 C8C3C2

 C8D3D6

 C8E3EA

 C8F3FE

# Harmonies

## Analogous

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



D05973



C8634A



AF742C

# Triad

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



C8634A



009362



4980D6

# Complementary

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



C8634A



4AAFC8

# 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.



008DD2



C8634A



00958F

# Square

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



C8634A



5A8E3B



0094B8



976EC2

# Rectangle

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



C8634A



977E22



0094B8



0885D7



# Sweetspot

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



C8634A



FFD8CF



C84AB1



806862



000000



808080



# Same Dimension

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



C8634A



FF643D



C8A04A



635B5A



A32000



240700



# Inverse Universe

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



4AAFC8



3DD9FF



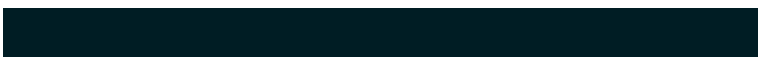
4A72C8



5A6163



0083A3

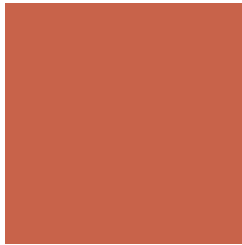


001D24



# Previews

## White Background



This preview shows how the Hex color C8634A looks on a white background.

## Color Contrast Check

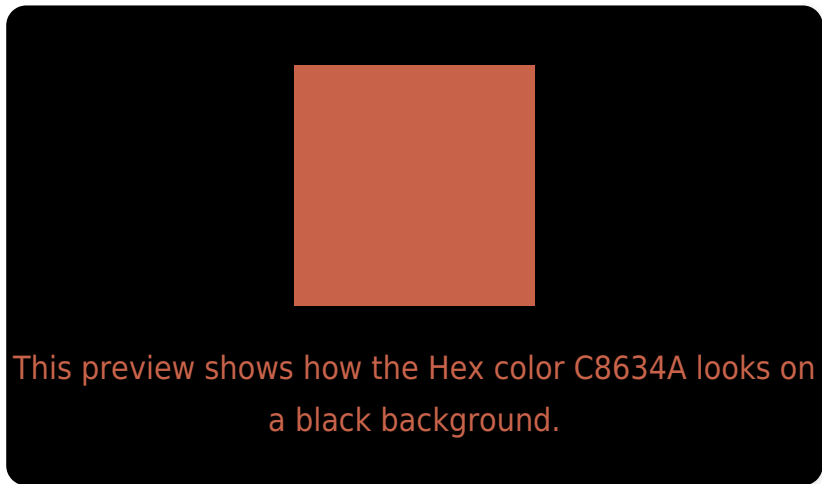
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8634A Background



This preview shows how black text looks on a background with the Hex color C8634A.

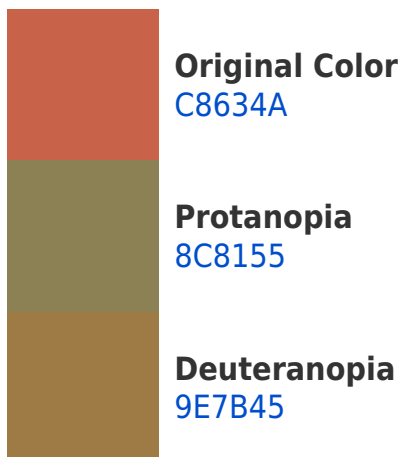


This preview shows how white text looks on a background with the Hex color C8634A.

# Color Blindness Simulation

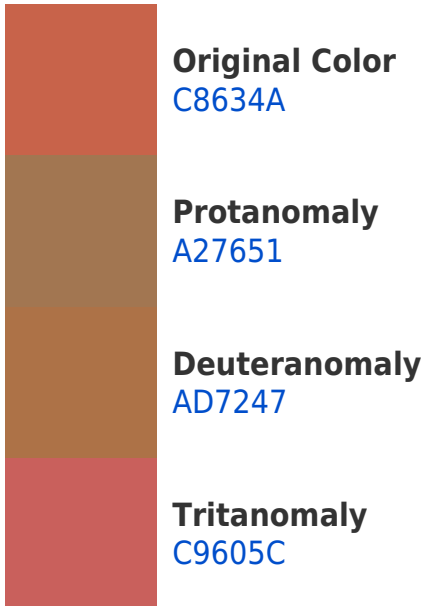
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8634A 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 #C8634A looks like.

```
.text, #text, p{  
    color:#C8634A  
}
```

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 #C8634A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8634A
}
```

## Border

The CSS property to change the border of an element to Hex C8634A 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
#C8634A }
```

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

```
.border{ border-color:#C8634A }
```

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

Here you see how a box with a 4 pixel #C8634A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8634A; -webkit-box-shadow:4px 4px  
4px 4px #C8634A; box-shadow:4px 4px 4px  
4px #C8634A }
```

# Background

The CSS property to change the background color of an element to Hex C8634A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8634A }
```

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

```
.background{ background-color:#C8634A }
```

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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