

Converting Colors

Hex(C96334)

Have a look what the booklet for
Hex(C96334) contains.

Hex(C96334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C96334)

Conversions

Conversions Part 1

Format	Color
Hex	C96334
RGB	201, 99, 52
RGB Percent	79%, 39%, 20%
CMY	0.2118, 0.6118, 0.7961
CMYK	0.00, 0.51, 0.74, 0.21
HSL	19°, 59%, 50%
HSV	19°, 74%, 79%
XYZ	29.1691, 21.5891, 5.8786
YIQ	124.1400, 75.8790, 7.0070

Conversions

Conversions Part 2

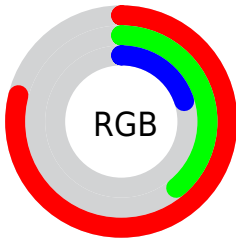
Format	Color
R _Y B	201, 121, 52
Decimal	13198132
CIE Lab	53.59, 37.31, 44.39
CIE LCh	54, 57.987, 49.952
Yxy	21.5891, 0.5150, 0.3812
Android (android.graphics.Color)	4291388212 (0xFFC96334)
YUV	124.1400, -35.5650, 67.4062
Hunter-Lab	46.4641, 30.7459, 25.0236

Details

The Hex color **C96334** 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 **349AC9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9865**, and **8D3102** is the 20% darker color. If you saturate the color by 10%, you get **C95520**, and if you desaturate by 10%, it is **C97148**.

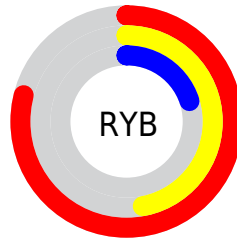
Distribution



Red (79%)

Green (39%)

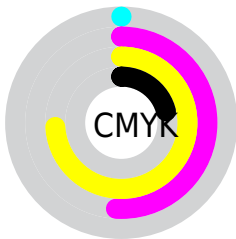
Blue (20%)



Red (79%)

Yellow (47%)

Blue (20%)

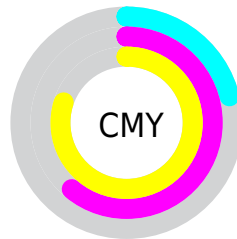


Cyan (0%)

Magenta (51%)

Yellow (74%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C96334 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 C96334 by changing the saturation by 10% instead.

 C96334

 C96334

FFFFFF

 AB4A1C

 FF9865

 8D3102

 FFB37F

 6F1700

 FFCF99

 520000

 FFECB4

 370000

 FFFFFD0

 150000

 FFFFED

 000000

 C96334

 C96334

 C95520

 C97148

 C9470C

 C97F5C

 C93F00

 C98C70

 C99A84

 C9A899

 C9B6AD

 C9C3C1

 C9D1D5

 C9DFE9

Harmonies

Analogous

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



D95161



C96334



A7780E

Triad

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



C96334



00966D



5E7ADE

Complementary

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



C96334



349AC9

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.



008BE3



C96334



0097A1

Square

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



C96334



39913B



0094CC



AC64C1

Rectangle

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



C96334



898307



0094CC



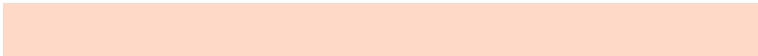
2C80E3

Sweetspot

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



C96334



FFD9C7



C9349C



80695E



000000



808080

Same Dimension

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



C96334



FF641C



C9AB34



635D5A



A33300



240B00

Inverse Universe

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



349AC9



1CB7FF



3452C9



5A6063



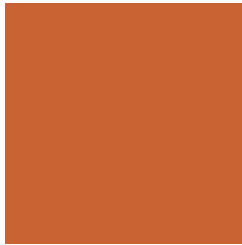
0070A3



001824

Previews

White Background



This preview shows how the Hex color C96334 looks on a white background.

Color Contrast Check

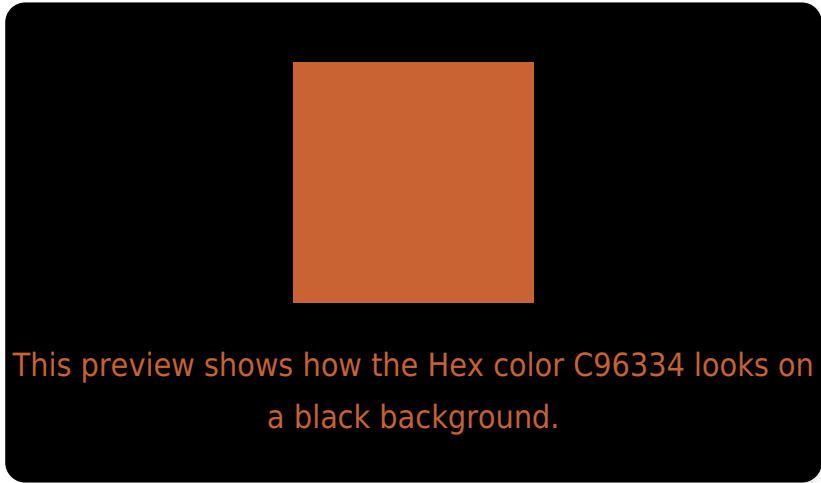
Large Text (above 18pt) WCAG AA ✓ Pass

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 C96334 Background



This preview shows how black text looks on a background with the Hex color C96334.



This preview shows how white text looks on a background with the Hex color C96334.

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
C96334

Protanopia
8E813D

Deuteranopia
A17A2E

Trichromacy



Original Color
C96334

Protanomaly
A3763A

Deuteranomaly
B07230

Tritanomaly
CA6053

Monochromacy



Original Color
C96334

Achromatopsia
7C7C7C

Achromatomaly
987362

CSS Examples

Text

The CSS property to change the color of the text to Hex C96334 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 #C96334 looks like.

```
.text, #text, p{  
    color:#C96334  
}
```

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 #C96334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C96334
}
```

Border

The CSS property to change the border of an element to Hex C96334 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
#C96334 }
```

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

```
.border{ border-color:#C96334 }
```

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

Here you see how a box with a 4 pixel #C96334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C96334; -webkit-box-shadow:4px 4px  
4px 4px #C96334; box-shadow:4px 4px 4px  
4px #C96334 }
```

Background

The CSS property to change the background color of an element to Hex C96334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C96334 }
```

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

```
.background{ background-color:#C96334 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor