

# Converting Colors

Hex(C87D34)

Have a look what the booklet for  
Hex(C87D34) contains.

<b>Hex(C87D34)</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(C87D34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C87D34
RGB	200, 125, 52
RGB Percent	78%, 49%, 20%
CMY	0.2157, 0.5098, 0.7961
CMYK	0.00, 0.37, 0.74, 0.22
HSL	30°, 59%, 49%
HSV	30°, 74%, 78%
XYZ	31.7729, 27.1945, 6.8233
YIQ	139.1030, 68.1330, -6.8030

# Conversions

## Conversions Part 2

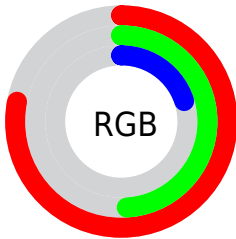
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 196, 52
Decimal	13139252
CIE <sub>Lab</sub>	59.15, 23.07, 50.14
CIE <sub>LCh</sub>	59, 55.189, 65.289
Yxy	27.1945, 0.4829, 0.4133
Android (android.graphics.Color)	4291329332 (0xFFC87D34)
YUV	139.1030, -42.9418, 53.4067
Hunter-Lab	52.1484, 17.4965, 28.7462

# Details

The Hex color **C87D34** 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 **347FC8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB267**, and **8D4C00** is the 20% darker color. If you saturate the color by 10%, you get **C87320**, and if you desaturate by 10%, it is **C88748**.

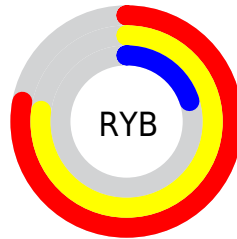
# Distribution



Red (78%)

Green (49%)

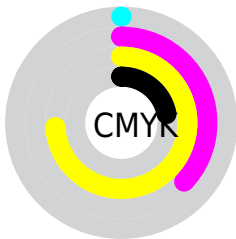
Blue (20%)



Red (78%)

Yellow (77%)

Blue (20%)

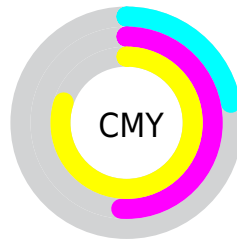


Cyan (0%)

Magenta (37%)

Yellow (74%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C87D34 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 C87D34 by changing the saturation by 10% instead.



 C87D34

 C87D34

FFFFFF

 AA641A

 FFB267

 8D4C00

 FFCE81

 703400

 FFEA9B

 541E00

 FFFFB7

 390800

 FFFFFD3

 210001

 FFFFF0

 000000

 C87D34

 C87D34

 C87320

 C88748

 C8690C

 C8915C

 C86300

 C89B70

 C8A684

 C8B098

 C8BAAC

 C8C4C0

 C8CED4

 C8D8E8

# Harmonies

## Analogous

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



E16A59



C87D34



A08F24

# Triad

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



C87D34



00A696



9C7EDE

# Complementary

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



C87D34



347FC8

# 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.



3391EF



C87D34



00A5C5

# Square

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



C87D34



11A364



009EE6



D06AB8

# Rectangle

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



C87D34



80982F



009EE6



8285E6

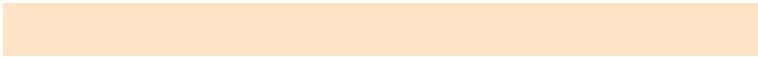


# Sweetspot

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



C87D34



FFE3C7



C83480



806F5E



000000



808080



# Same Dimension

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



C87D34



FF8C1C



C8C634



635E5A



A35000



241200



# Inverse Universe

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



347FC8



1C8FFF



3436C8



5A5F63



0053A3

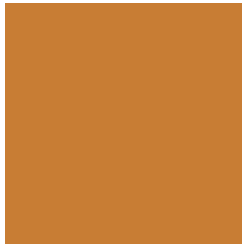


001224



# Previews

## White Background



This preview shows how the Hex color C87D34 looks on a white background.

## Color Contrast Check

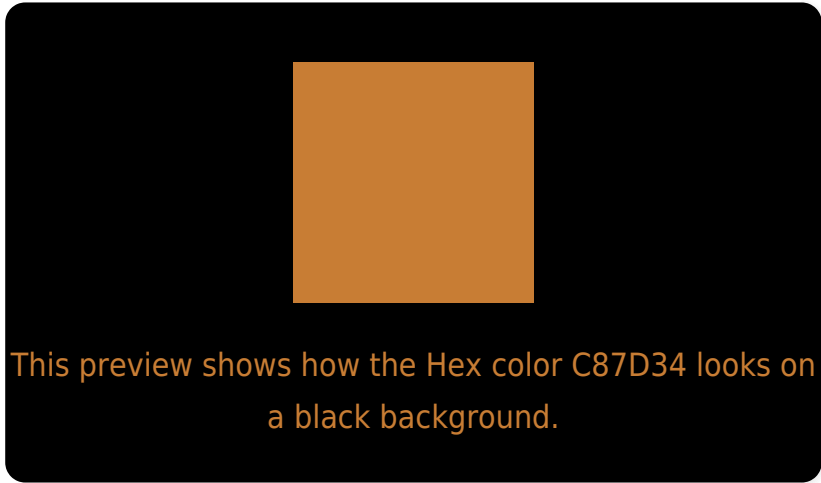
Large Text (above 18pt) WCAG AA ✓ Pass

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

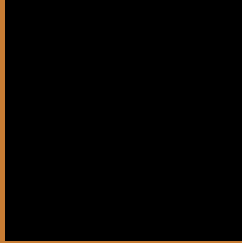
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C87D34 Background



This preview shows how black text looks on a background with the Hex color C87D34.



This preview shows how white text looks on a background with the Hex color C87D34.

# 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



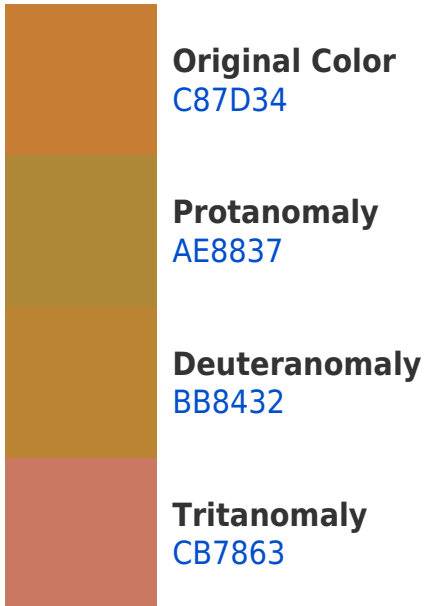
**Original Color**  
C87D34

**Protanopia**  
9F8F39

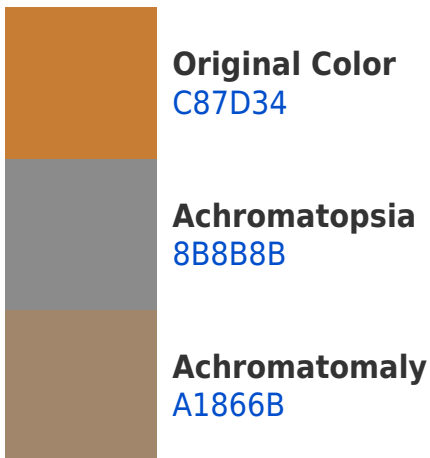
**Deuteranopia**  
B38831



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C87D34 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 #C87D34 looks like.

```
.text, #text, p{  
    color:#C87D34  
}
```

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 #C87D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87D34
}
```

## Border

The CSS property to change the border of an element to Hex C87D34 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
#C87D34 }
```

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

```
.border{ border-color:#C87D34 }
```

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

Here you see how a box with a 4 pixel #C87D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87D34; -webkit-box-shadow:4px 4px  
4px 4px #C87D34; box-shadow:4px 4px 4px  
4px #C87D34 }
```

# Background

The CSS property to change the background color of an element to Hex C87D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87D34 }
```

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

```
.background{ background-color:#C87D34 }
```

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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