

Converting Colors

Hex(C87849)

Have a look what the booklet for
Hex(C87849) contains.

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Color

Hex(C87849)

Conversions

Conversions Part 1

Format	Color
Hex	C87849
RGB	200, 120, 73
RGB Percent	78%, 47%, 29%
CMY	0.2157, 0.5294, 0.7137
CMYK	0.00, 0.40, 0.64, 0.22
HSL	22°, 54%, 54%
HSV	22°, 64%, 78%
XYZ	31.7385, 26.1933, 9.6863
YIQ	138.5620, 62.7670, 2.3430

Conversions

Conversions Part 2

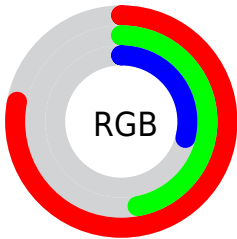
Format	Color
R_{YB}	200, 148, 73
Decimal	13137993
CIE _{Lab}	58.22, 26.97, 38.68
CIE _{LCh}	58, 47.158, 55.115
Yxy	26.1933, 0.4694, 0.3874
Android (android.graphics.Color)	4291328073 (0xFFC87849)
YUV	138.5620, -32.3221, 53.8811
Hunter-Lab	51.1794, 21.1312, 24.6042

Details

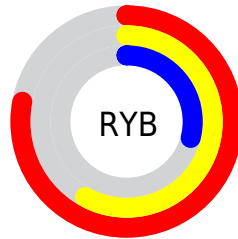
The Hex color **C87849** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4999C8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAD7B**, and **8D461A** is the 20% darker color. If you saturate the color by 10%, you get **C86B35**, and if you desaturate by 10%, it is **C8855D**.

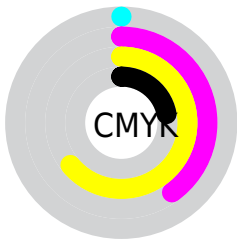
Distribution



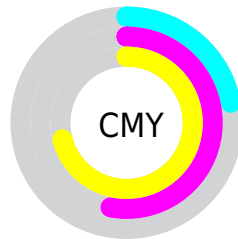
- Red (78%)
- Green (47%)
- Blue (29%)



- Red (78%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (22%)



- Cyan (22%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87849 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 C87849 by changing the saturation by 10% instead.

 C87849

 C87849

FFFFFF

 AA5F31

 FFAD7B

 8D461A

 FFC895

 712F01

 FFE5B0

 551800

 FFFFCC

 3A0100

 FFFFFE8

 210001

 000000

 C87849

 C87849

 C86B35

 C8855D

 C85F21

 C89171

 C8520D

 C89E85

 C84A00

 C8AA99

 C8B7AD

 C8C4C1

 C8D0D5

 C8DDE9

 C8E9FD

Harmonies

Analogous

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



D86B6B



C87849



A98736

Triad

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



C87849



00A084



8384D7

Complementary

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



C87849



4999C8

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.



1B92DE



C87849



00A0AE

Square

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



C87849



4E9C5B



009CCF



B873BC

Rectangle

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



C87849



8F9038



009CCF



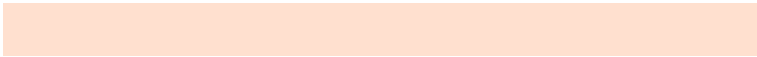
6B89DC

Sweetspot

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



C87849



FFE0CF



C84999



806D62



000000



808080

Same Dimension

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



C87849



FF853D



C8B749



635D5A



A33C00



240D00

Inverse Universe

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



4999C8



3DB7FF



495AC8



5A6063



0067A3



001624

Previews

White Background



This preview shows how the Hex color C87849 looks on a white background.

Color Contrast Check

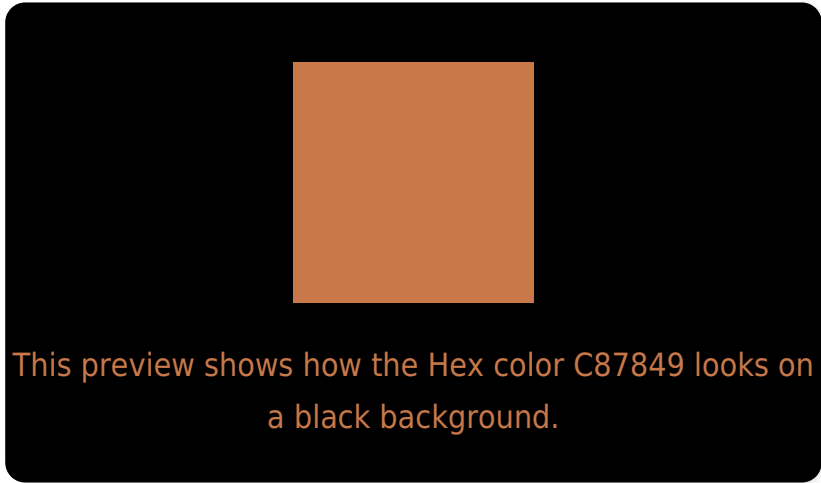
Large Text (above 18pt) WCAG AA ✓ Pass

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

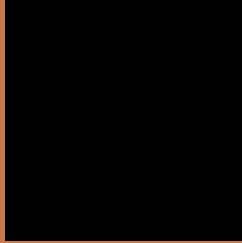
Any Text WCAG AA ✓ Pass

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 C87849 Background



This preview shows how black text looks on a background with the Hex color C87849.



This preview shows how white text looks on a background with the Hex color C87849.

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
C87849

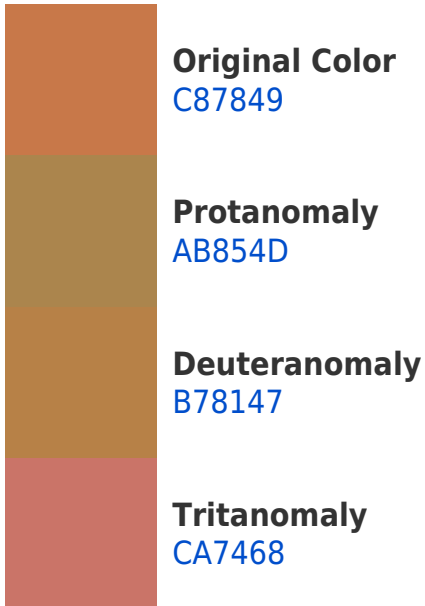
Protanopia
9A8C50

Deuteranopia
AD8646

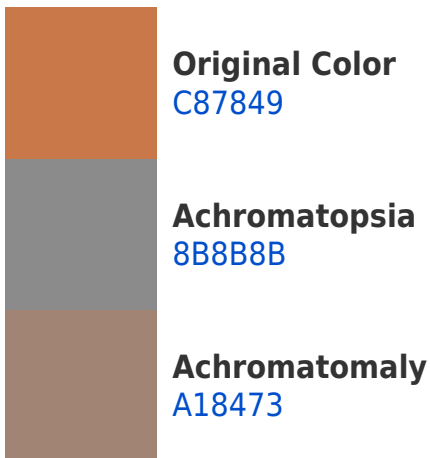


Tritanopia
CB727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87849 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 #C87849 looks like.

```
.text, #text, p{  
    color:#C87849  
}
```

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 #C87849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87849
}
```

Border

The CSS property to change the border of an element to Hex C87849 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
#C87849 }
```

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

```
.border{ border-color:#C87849 }
```

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

Here you see how a box with a 4 pixel #C87849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87849; -webkit-box-shadow:4px 4px  
4px 4px #C87849; box-shadow:4px 4px 4px  
4px #C87849 }
```

Background

The CSS property to change the background color of an element to Hex C87849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87849 }
```

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

```
.background{ background-color:#C87849 }
```

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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