

# Converting Colors

Hex(C87942)

Have a look what the booklet for  
Hex(C87942) contains.

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**Color**

**Hex(C87942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C87942
RGB	200, 121, 66
RGB Percent	78%, 47%, 26%
CMY	0.2157, 0.5255, 0.7412
CMYK	0.00, 0.40, 0.67, 0.22
HSL	25°, 55%, 52%
HSV	25°, 67%, 78%
XYZ	31.6402, 26.3475, 8.5722
YIQ	138.3510, 64.7390, -0.3570

# Conversions

## Conversions Part 2

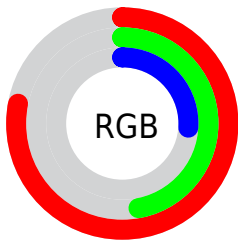
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 159, 66</a>
Decimal	<a href="#">13138242</a>
<a href="#">CIELab</a>	<a href="#">58.37, 25.99, 42.50</a>
<a href="#">CIElCh</a>	<a href="#">58, 49.813, 58.555</a>
<a href="#">Yxy</a>	<a href="#">26.3475, 0.4754, 0.3958</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291328322 (0xFFC87942)</a>
<a href="#">YUV</a>	<a href="#">138.3510, -35.6690, 54.0662</a>
<a href="#">Hunter-Lab</a>	<a href="#">51.3298, 20.2020, 26.0293</a>

# Details

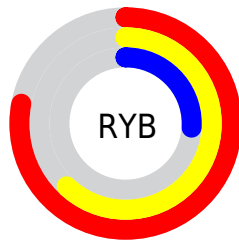
The Hex color **C87942** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4291C8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAE74**, and **8D4711** is the 20% darker color. If you saturate the color by 10%, you get **C86D2E**, and if you desaturate by 10%, it is **C88556**.

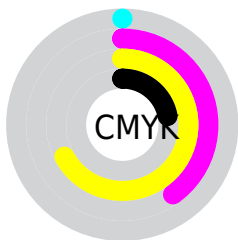
# Distribution



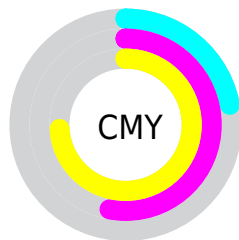
- Red (78%)
- Green (47%)
- Blue (26%)



- Red (78%)
- Yellow (62%)
- Blue (26%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (22%)



- Cyan (22%)
- Magenta (53%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C87942 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 C87942 by changing the saturation by 10% instead.



 C87942

 C87942


FFFFFF

 AA602A

 FFAE74

 8D4711

 FFC98E

 713000

 FFE6A9

 551900

 FFFFC4

 390300

 FFFFFE1

 210001

FFFFFFE

 000000

 C87942

 C87942

 C86D2E

 C88556

 C8611A

 C8916A

 C85606

 C89C7E

 C85200

 C8A892

 C8B4A6

 C8C0BA

 C8CCCE

 C8D7E2

 C8E3F6

# Harmonies

## Analogous

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



DB6A65



C87942



A68930

# Triad

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



C87942



00A289



8A82D9

# Complementary

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



C87942



4291C8

# 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.



2092E3



C87942



00A1B5

# Square

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



C87942



419E5D



009CD6



C070BB

# Rectangle

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



C87942



8A9234



009CD6



7188DF

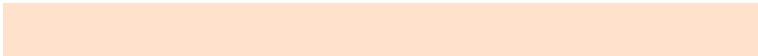


# Sweetspot

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



C87942



FFE1CC



C84292



806D61



000000



808080



# Same Dimension

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



C87942



FF8733



C8BB42



635E5A



A34300



240F00



# Inverse Universe

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



4291C8



33ABFF



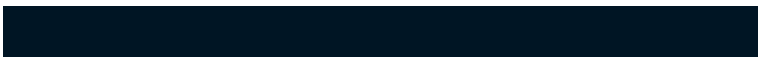
424FC8



5A5F63



0060A3



001524



# Previews

## White Background



This preview shows how the Hex color C87942 looks on a white background.

## Color Contrast Check

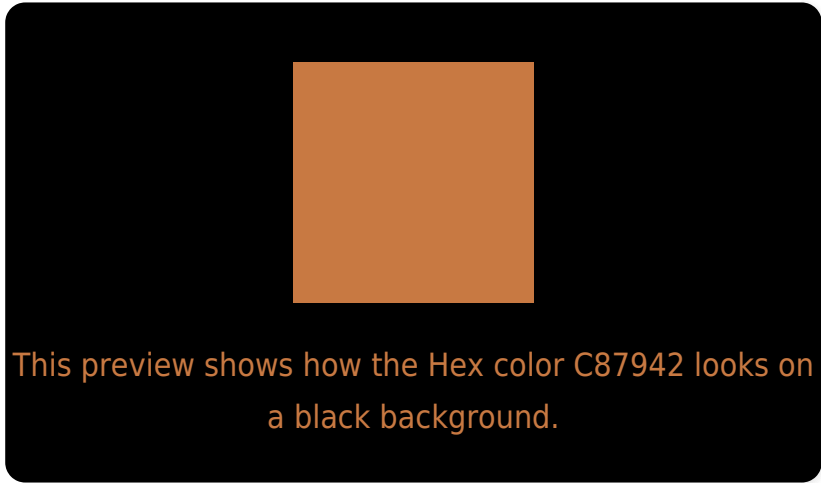
Large Text (above 18pt) WCAG AA ✓ Pass

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

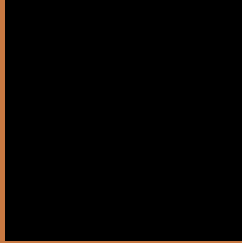
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C87942 Background



This preview shows how black text looks on a background with the Hex color C87942.



This preview shows how white text looks on a background with the Hex color C87942.

# 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**  
C87942

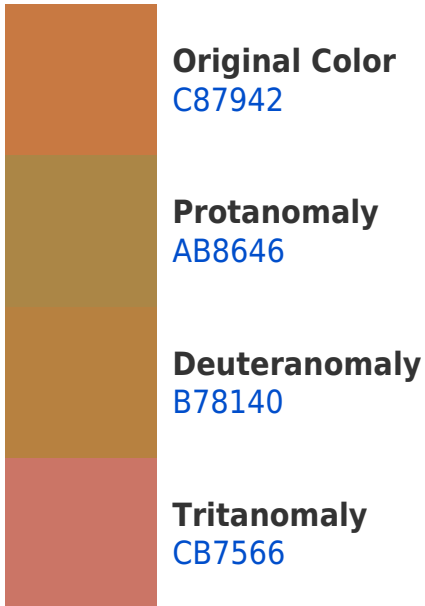
**Protanopia**  
9B8D48

**Deuteranopia**  
AE863F

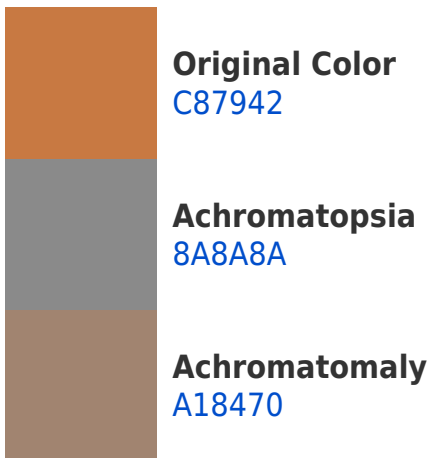


**Tritanopia**  
CC727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C87942 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 #C87942 looks like.

```
.text, #text, p{  
    color:#C87942  
}
```

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 #C87942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87942
}
```

## Border

The CSS property to change the border of an element to Hex C87942 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
#C87942 }
```

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

```
.border{ border-color:#C87942 }
```

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

Here you see how a box with a 4 pixel #C87942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87942; -webkit-box-shadow:4px 4px  
4px 4px #C87942; box-shadow:4px 4px 4px  
4px #C87942 }
```

# Background

The CSS property to change the background color of an element to Hex C87942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87942 }
```

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

```
.background{ background-color:#C87942 }
```

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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