

Converting Colors

Hex(C87D2F)

Have a look what the booklet for
Hex(C87D2F) contains.

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Color

Hex(C87D2F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C87D2F |
| RGB | 200, 125, 47 |
| RGB Percent | 78%, 49%, 18% |
| CMY | 0.2157, 0.5098, 0.8157 |
| CMYK | 0.00, 0.37, 0.77, 0.22 |
| HSL | 31°, 62%, 48% |
| HSV | 31°, 76%, 78% |
| XYZ | 31.6661, 27.1518, 6.2612 |
| YIQ | 138.5330, 69.7380, -8.3580 |

Conversions

Conversions Part 2

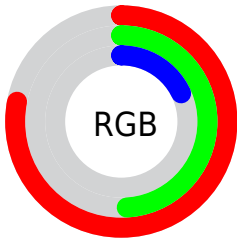
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 200, 47 |
| Decimal | 13139247 |
| CIELab | 59.11, 22.85, 52.31 |
| CIElCh | 59, 57.085, 66.403 |
| Yxy | 27.1518, 0.4866, 0.4172 |
| Android (android.graphics.Color) | 4291329327 (0xFFC87D2F) |
| YUV | 138.5330, -45.1258, 53.9066 |
| Hunter-Lab | 52.1074, 17.2880, 29.3510 |

Details

The Hex color **C87D2F** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2F7AC8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB262**, and **8D4C00** is the 20% darker color. If you saturate the color by 10%, you get **C8731B**, and if you desaturate by 10%, it is **C88743**.

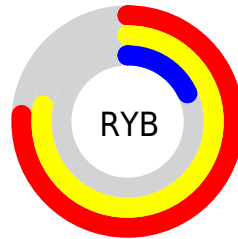
Distribution



Red (78%)

Green (49%)

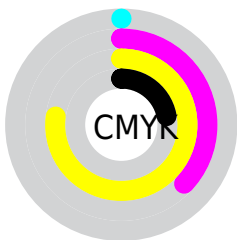
Blue (18%)



Red (76%)

Yellow (78%)

Blue (18%)

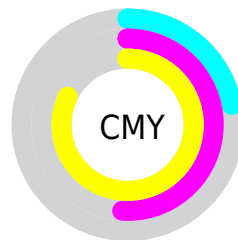


Cyan (0%)

Magenta (37%)

Yellow (77%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87D2F 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 C87D2F by changing the saturation by 10% instead.

 C87D2F

 C87D2F

FFFFFF

 AA6414

 FFB262

 8D4C00

 FFCD7C

 703400

 FFEA97

 541E00

 FFFFB2

 380800

 FFFFCE

 210001

 FFFFFEB

 000000

 C87D2F

 C87D2F

 C8731B

 C88743

 C86907

 C89157

 C86600

 C89A6B

 C8A47F

 C8AE93

 C8B8A7

 C8C2BB

 C8CBCF

 C8D5E3

Harmonies

Analogous

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



E36955



C87D2F



9F8F1F

Triad

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



C87D2F



00A698



9E7CDF

Complementary

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



C87D2F



2F7AC8

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.



3190F2



C87D2F



00A5C9

Square

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



C87D2F



00A464



009EEA



D368B7

Rectangle

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



C87D2F



7D992C



009EEA



8484E8

Sweetspot

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



C87D2F



FFE2C4



C82F7C



806E5C



000000



808080

Same Dimension

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



C87D2F



FF8C14



C8C82F



635F5A



A35300



241200

Inverse Universe

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



2F7AC8



1487FF



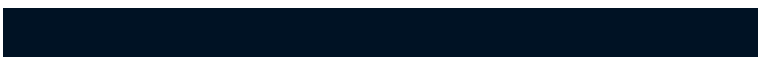
2F2FC8



5A5E63



0050A3



001224

Previews

White Background



This preview shows how the Hex color C87D2F looks on a white background.

Color Contrast Check

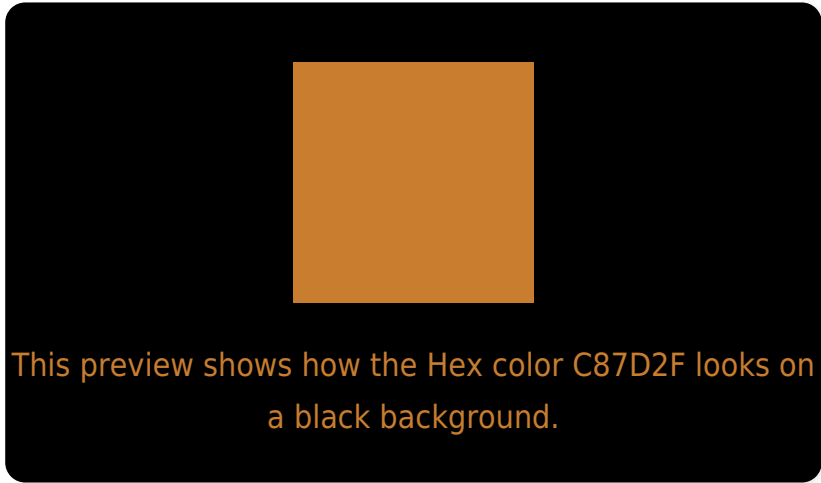
Large Text (above 18pt) WCAG AA ✓ Pass

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

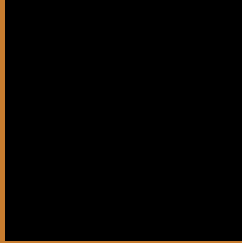
Any Text WCAG AA ✓ Pass

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 C87D2F Background



This preview shows how black text looks on a background with the Hex color C87D2F.



This preview shows how white text looks on a background with the Hex color C87D2F.

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

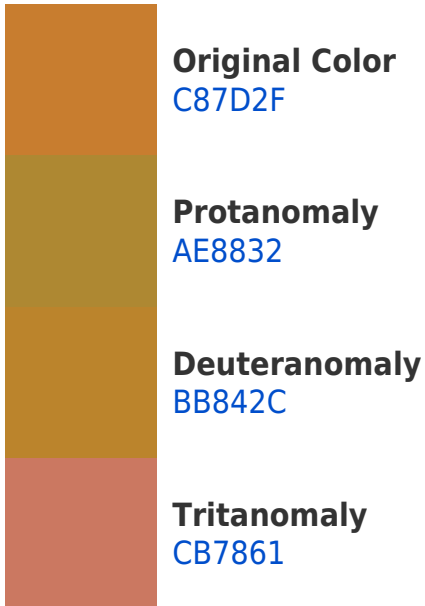


Original Color
C87D2F

Protanopia
9F8F34

Deuteranopia
B3882B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87D2F 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 #C87D2F looks like.

```
.text, #text, p{  
    color:#C87D2F  
}
```

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 #C87D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87D2F
}
```

Border

The CSS property to change the border of an element to Hex C87D2F 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
#C87D2F }
```

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

```
.border{ border-color:#C87D2F }
```

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

Here you see how a box with a 4 pixel #C87D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87D2F; -webkit-box-shadow:4px 4px  
4px 4px #C87D2F; box-shadow:4px 4px 4px  
4px #C87D2F }
```

Background

The CSS property to change the background color of an element to Hex C87D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87D2F }
```

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

```
.background{ background-color:#C87D2F }
```

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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