

Converting Colors

Hex(C87F0D)

Have a look what the booklet for
Hex(C87F0D) contains.

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Color

Hex(C87F0D)

Conversions

Conversions Part 1

Format	Color
Hex	C87F0D
RGB	200, 127, 13
RGB Percent	78%, 50%, 5%
CMY	0.2157, 0.5020, 0.9490
CMYK	0.00, 0.36, 0.93, 0.22
HSL	37°, 88%, 42%
HSV	37°, 94%, 78%
XYZ	31.4814, 27.4872, 4.0271
YIQ	135.8310, 80.1020, -19.9780

Conversions

Conversions Part 2

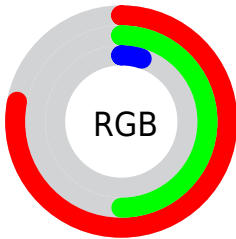
Format	Color
R_{YB}	133, 200, 13
Decimal	13139725
CIE _{Lab}	59.42, 20.85, 63.40
CIE _{LCh}	59, 66.743, 71.797
Yxy	27.4872, 0.4997, 0.4363
Android (android.graphics.Color)	4291329805 (0xFFC87F0D)
YUV	135.8310, -60.5557, 56.2762
Hunter-Lab	52.4282, 15.4341, 32.1456

Details

The Hex color **C87F0D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **0D56C8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFB44A**, and **8C4E00** is the 20% darker color. If you saturate the color by 10%, you get **C87A00**, and if you desaturate by 10%, it is **C88721**.

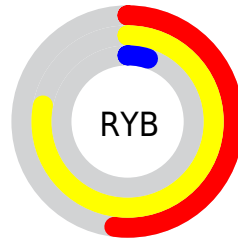
Distribution



Red (78%)

Green (50%)

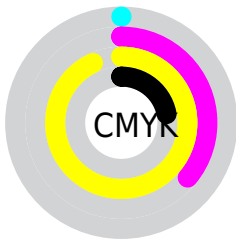
Blue (5%)



Red (52%)

Yellow (78%)

Blue (5%)

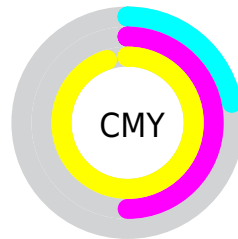


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87F0D 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 C87F0D by changing the saturation by 10% instead.

 C87F0D

 C87F0D

FFFFFF

 AA6600

 FFB44A

 8C4E00

 FFCF65

 6F3700

 FFEC80

 522100

 FFFF9C

 370B00

 FFFFFB8

 200001

 FFFFFD4

 000000

 FFFFFF1

 C87F0D

 C87F0D

 C87A00

 C88721

 C88F35

 C89649

 C89E5D

 C8A671

 C8AE85

 C8B699

 C8BDAD

 C8C5C1

Harmonies

Analogous

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



EB6543



C87F0D



969400

Triad

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



C87F0D



00AAA5



AF75E7

Complementary

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



C87F0D



0D56C8

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.



308EFF



C87F0D



00A8DC

Square

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



C87F0D



00A868



009FFF



E65AB5

Rectangle

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



C87F0D



6C9D1B



009FFF



927EF4

Sweetspot

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



C87F0D



FFE3B8



C80D58



806F54



000000



808080

Same Dimension

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



C87F0D



FF9B00



B5C80D



63605A



A36300



241600

Inverse Universe

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



0D56C8



0064FF



200DC8



5A5D63



0040A3



000E24

Previews

White Background



This preview shows how the Hex color C87F0D looks on a white background.

Color Contrast Check

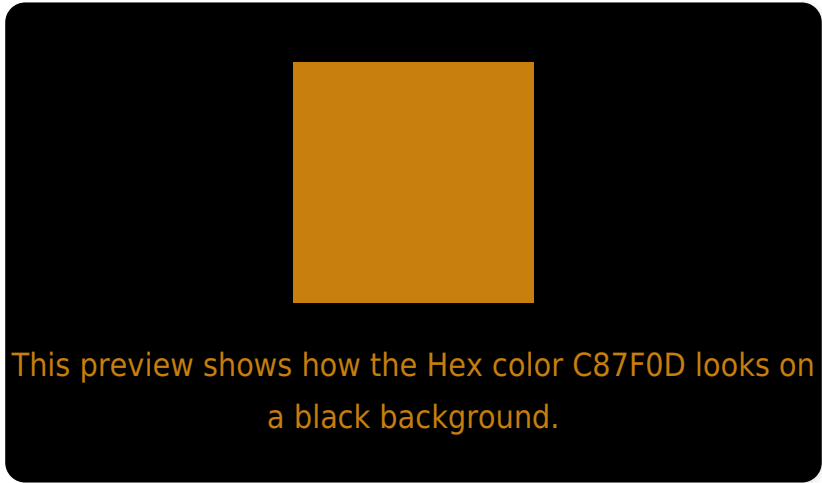
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87F0D Background



This preview shows how black text looks on a background with the Hex color C87F0D.



This preview shows how white text looks on a background with the Hex color C87F0D.

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
C87F0D

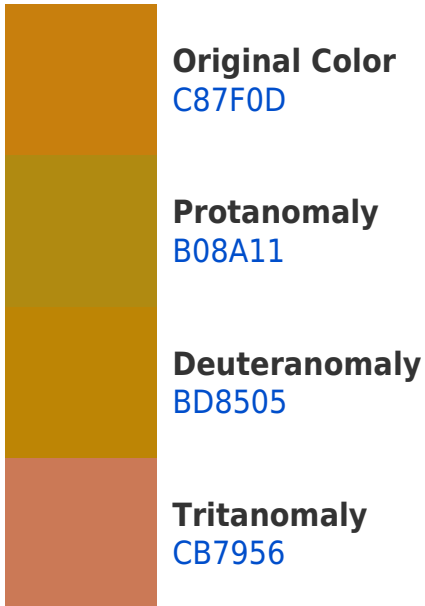
Protanopia
A29013

Deuteranopia
B68800

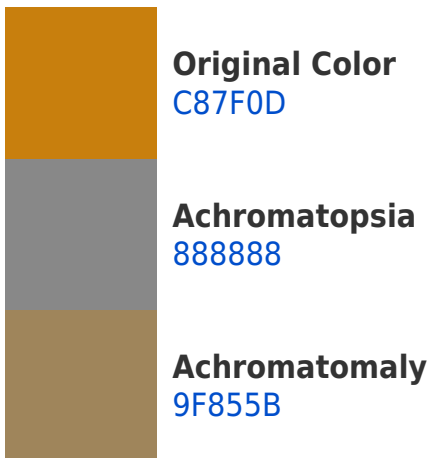


Tritanopia
CD767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87F0D 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 #C87F0D looks like.

```
.text, #text, p{  
    color:#C87F0D  
}
```

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 #C87F0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87F0D
}
```

Border

The CSS property to change the border of an element to Hex C87F0D 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
#C87F0D }
```

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

```
.border{ border-color:#C87F0D }
```

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

Here you see how a box with a 4 pixel #C87F0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87F0D; -webkit-box-shadow:4px 4px  
4px 4px #C87F0D; box-shadow:4px 4px 4px  
4px #C87F0D }
```

Background

The CSS property to change the background color of an element to Hex C87F0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87F0D }
```

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

```
.background{ background-color:#C87F0D }
```

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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