

Converting Colors

Hex(C87F17)

Have a look what the booklet for
Hex(C87F17) contains.

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Color

Hex(C87F17)

Conversions

Conversions Part 1

Format	Color
Hex	C87F17
RGB	200, 127, 23
RGB Percent	78%, 50%, 9%
CMY	0.2157, 0.5020, 0.9098
CMYK	0.00, 0.36, 0.89, 0.22
HSL	35°, 79%, 44%
HSV	35°, 88%, 78%
XYZ	31.5634, 27.5200, 4.4589
YIQ	136.9710, 76.8920, -16.8680

Conversions

Conversions Part 2

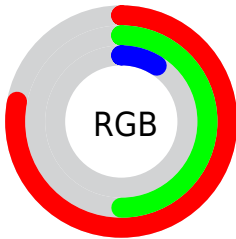
Format	Color
RYB	147, 200, 23
Decimal	13139735
CIELab	59.45, 21.02, 61.15
CIELCh	59, 64.665, 71.031
Yxy	27.5200, 0.4967, 0.4331
Android (android.graphics.Color)	4291329815 (0xFFC87F17)
YUV	136.9710, -56.1877, 55.2764
Hunter-Lab	52.4595, 15.5945, 31.6821

Details

The Hex color **C87F17** 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 **1760C8**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB450**, and **8C4E00** is the 20% darker color. If you saturate the color by 10%, you get **C87703**, and if you desaturate by 10%, it is **C8872B**.

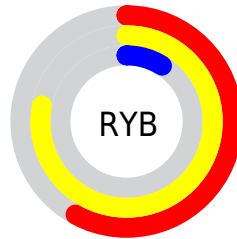
Distribution



Red (78%)

Green (50%)

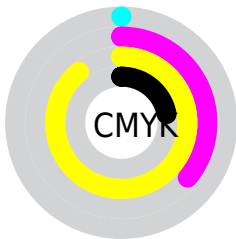
Blue (9%)



Red (58%)

Yellow (78%)

Blue (9%)

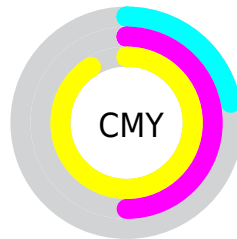


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87F17 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 C87F17 by changing the saturation by 10% instead.

 C87F17

 C87F17

FFFFFF

 AA6600

 FFB450

 8C4E00

 FFCF6A

 6F3700

 FFEC85

 532100

 FFFFA1

 370B00

 FFFFBD

 200001

 FFFFFD9

 000000

 FFFFF6

 C87F17

 C87F17

 C87703

 C8872B

 C87600

 C88F3F

 C89853

 C8A067

 C8A87B

 C8B08F

 C8B9A3

 C8C1B7

 C8C9CB

Harmonies

Analogous

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



EA6747



C87F17



979300

Triad

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



C87F17



00AAA3



AC76E6

Complementary

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



C87F17



1760C8

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.



338FFF



C87F17



00A8D9

Square

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



C87F17



00A768



009FFB



E25EB5

Rectangle

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



C87F17



709D20



009FFB



907FF1

Sweetspot

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



C87F17



FFE3BA



C81761



806F57



000000



808080

Same Dimension

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



C87F17



FF9600



B9C817



635F5A



A36000



241500

Inverse Universe

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



1760C8



0069FF



2617C8



5A5E63



0043A3



000F24

Previews

White Background



This preview shows how the Hex color C87F17 looks on a white background.

Color Contrast Check

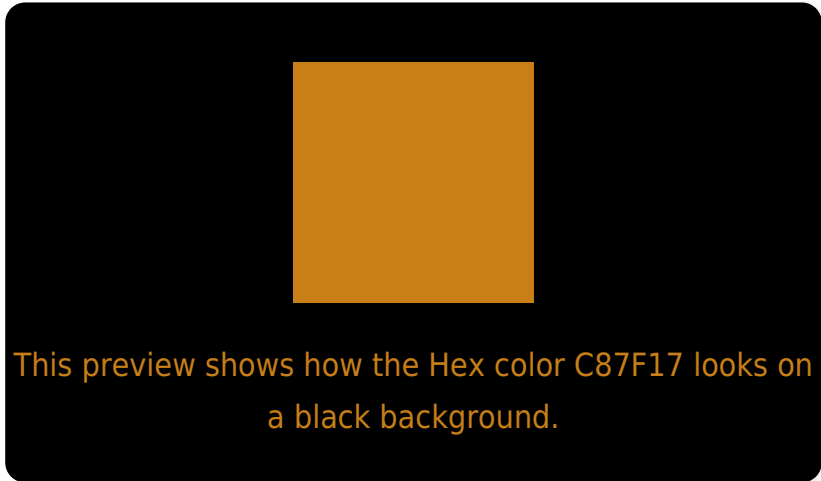
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87F17 Background



This preview shows how black text looks on a background with the Hex color C87F17.



This preview shows how white text looks on a background with the Hex color C87F17.

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
C87F17

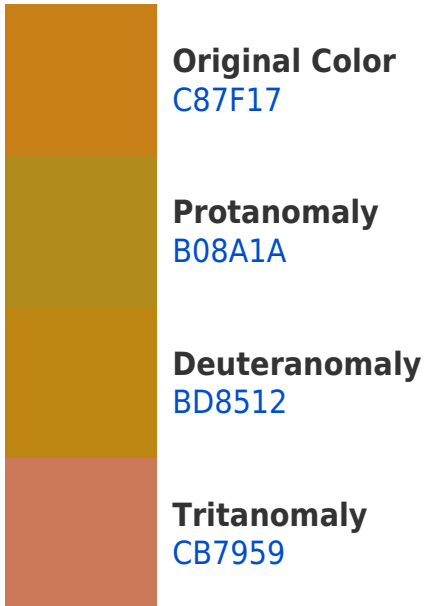
Protanopia
A2901C

Deuteranopia
B6880F

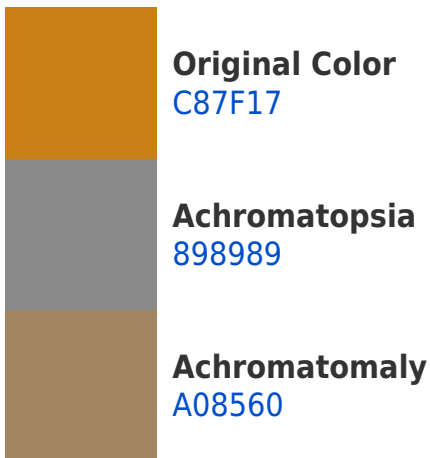


Tritanopia
CD767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C87F17 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 #C87F17 looks like.

```
.text, #text, p{  
    color:#C87F17  
}
```

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 #C87F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87F17
}
```

Border

The CSS property to change the border of an element to Hex C87F17 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
#C87F17 }
```

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

```
.border{ border-color:#C87F17 }
```

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

Here you see how a box with a 4 pixel #C87F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87F17; -webkit-box-shadow:4px 4px  
4px 4px #C87F17; box-shadow:4px 4px 4px  
4px #C87F17 }
```

Background

The CSS property to change the background color of an element to Hex C87F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87F17 }
```

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

```
.background{ background-color:#C87F17 }
```

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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