

Converting Colors

Hex(C17A00)

Have a look what the booklet for
Hex(C17A00) contains.

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Color

Hex(C17A00)

Conversions

Conversions Part 1

Format	Color
Hex	C17A00
RGB	193, 122, 0
RGB Percent	76%, 48%, 0%
CMY	0.2431, 0.5216, 1.0000
CMYK	0.00, 0.37, 1.00, 0.24
HSL	38°, 100%, 38%
HSV	38°, 100%, 76%
XYZ	28.9519, 25.2565, 3.3491
YIQ	129.3210, 81.4780, -22.8900

Conversions

Conversions Part 2

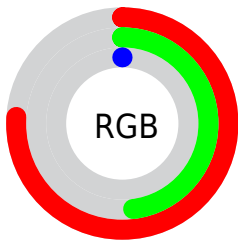
Format	Color
RYB	112, 193, 0
Decimal	12679680
CIELab	57.32, 20.37, 63.76
CIElCh	57, 66.932, 72.284
Yxy	25.2565, 0.5030, 0.4388
Android (android.graphics.Color)	4290869760 (0xFFC17A00)
YUV	129.3210, -63.7553, 55.8465
Hunter-Lab	50.2559, 14.8841, 31.2280

Details

The Hex color **C17A00** is a dark color, and the websafe version is hex **996600**. The color can be described as dark washed orange. A complement of this color would be **0047C1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFAE44**, and **854900** is the 20% darker color. If you saturate the color by 10%, you get **C17A00**, and if you desaturate by 10%, it is **C18113**.

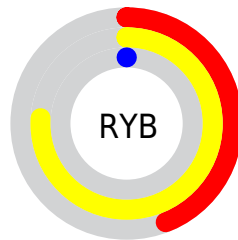
Distribution



Red (76%)

Green (48%)

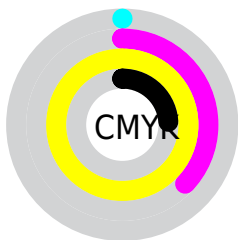
Blue (0%)



Red (44%)

Yellow (76%)

Blue (0%)

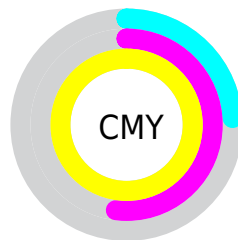


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17A00 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 C17A00 by changing the saturation by 10% instead.

 C17A00

 C17A00

FFFFFF

 A36100

 FFAE44

 854900

 FFCA5F

 683200

 FFE67A

 4C1D00

 FFFF95

 310700

 FFFFFB1

 140000

 FFFFC

 000000

 FFFFEA

 C17A00

 C18113

 C18827

 C18F3A

 C1964D

 C19E61

 C1A574

 C1AC87

 C1B39A

 C1BAAE

Harmonies

Analogous

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



E4603D



C17A00



8F8E00

Triad

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



C17A00



00A4A1



AA6FE1

Complementary

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



C17A00



0047C1

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.



2788FD



C17A00



00A2D7

Square

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



C17A00



00A264



009AF9



E054AF

Rectangle

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



C17A00



659814



009AF9



8E78ED

Sweetspot

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



C17A00



FADEAF



C1004A



7D6C50



FCFCFC



7D7D7D

Same Dimension

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



C17A00



FA9E00



AAC100



615D57



A16600



211500

Inverse Universe

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



0047C1



005CFA



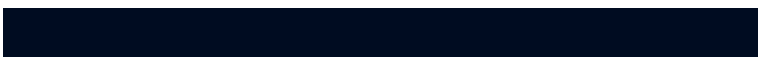
1700C1



575B61



003BA1



000C21

Previews

White Background



This preview shows how the Hex color C17A00 looks on a white background.

Color Contrast Check

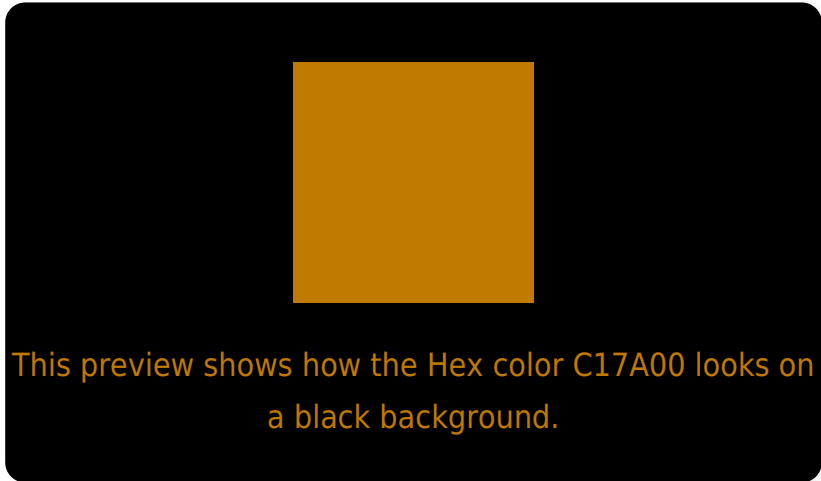
Large Text (above 18pt) WCAG AA ✓ Pass

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 C17A00 Background



This preview shows how black text looks on a background with the Hex color C17A00.



This preview shows how white text looks on a background with the Hex color C17A00.

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
C17A00

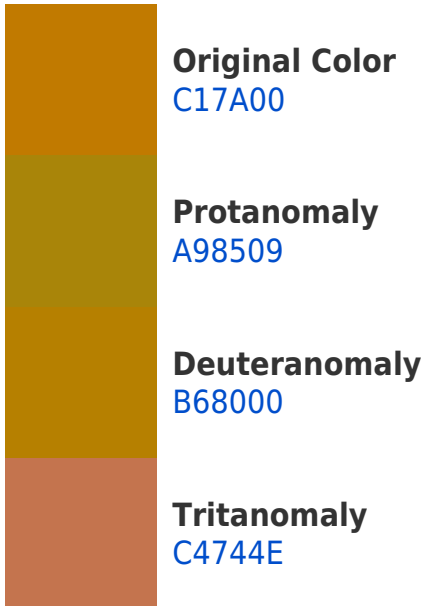
Protanopia
9C8B0E

Deuteranopia
AF8300

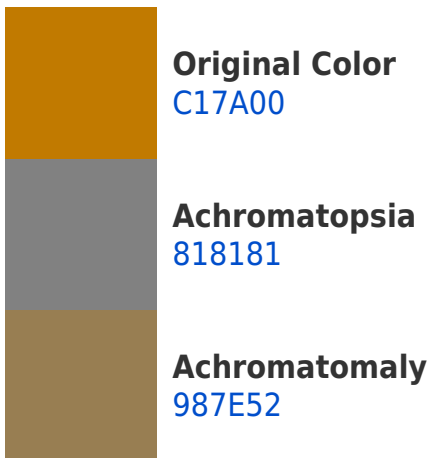


Tritanopia
C6717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C17A00 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 #C17A00 looks like.

```
.text, #text, p{  
    color:#C17A00  
}
```

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 #C17A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17A00
}
```

Border

The CSS property to change the border of an element to Hex C17A00 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
#C17A00 }
```

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

```
.border{ border-color:#C17A00 }
```

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

Here you see how a box with a 4 pixel #C17A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17A00; -webkit-box-shadow:4px 4px  
4px 4px #C17A00; box-shadow:4px 4px 4px  
4px #C17A00 }
```

Background

The CSS property to change the background color of an element to Hex C17A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17A00 }
```

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

```
.background{ background-color:#C17A00 }
```

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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