

Converting Colors

Hex(C78D00)

Have a look what the booklet for
Hex(C78D00) contains.

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Color

Hex(C78D00)

Conversions

Conversions Part 1

Format	Color
Hex	C78D00
RGB	199, 141, 0
RGB Percent	78%, 55%, 0%
CMY	0.2196, 0.4471, 1.0000
CMYK	0.00, 0.29, 1.00, 0.22
HSL	43°, 100%, 39%
HSV	43°, 100%, 78%
XYZ	33.0781, 31.1919, 4.2772
YIQ	142.2680, 79.8290, -31.5550

Conversions

Conversions Part 2

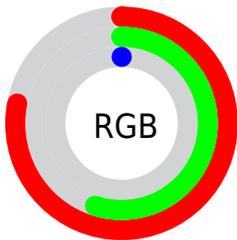
Format	Color
R _Y B	82, 199, 0
Decimal	13077760
CIE Lab	62.67, 12.61, 67.65
CIE LCh	63, 68.814, 79.444
Yxy	31.1919, 0.4826, 0.4550
Android (android.graphics.Color)	4291267840 (0xFFC78D00)
YUV	142.2680, -70.1381, 49.7540
Hunter-Lab	55.8497, 7.9832, 34.5541

Details

The Hex color **C78D00** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **003AC7**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFC248**, and **8B5B00** is the 20% darker color. If you saturate the color by 10%, you get **C78D00**, and if you desaturate by 10%, it is **C79314**.

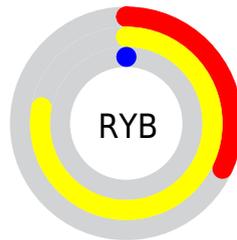
Distribution



Red (78%)

Green (55%)

Blue (0%)



Red (32%)

Yellow (78%)

Blue (0%)

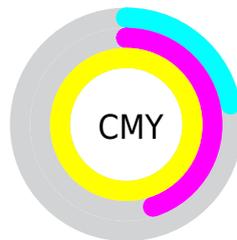


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78D00 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 C78D00 by changing the saturation by 10% instead.

 C78D00

 C78D00

FFFFFF

 A97400

 FFC248

 8B5B00

 FFDE64

 6F4400

 FFFB7F

 522E00

 FFFF9B

 381900

 FFFFB7

 200000

 FFFFFD4

 000000

 FFFFFF1

 C78D00

 C79314

 C79928

 C79E3C

 C7A450

 C7AA64

 C7B077

 C7B68B

 C7BB9F

 C7C1B3

Harmonies

Analogous

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



F0733B



C78D00



8FA102

Triad

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



C78D00



00B4BF



CB75E8

Complementary

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



C78D00



003AC7

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.



6991FF



C78D00



00B0F4

Square

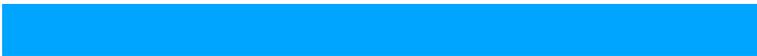
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C78D00



00B37F



00A5FF



FA5CB0

Rectangle

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



C78D00



60A92F



00A5FF



B27EF7

Sweetspot

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



C78D00



FFE9B3



C7003C



807252



000000



808080

Same Dimension

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



C78D00



FFB500



9FC700



63615A



A37400



241900

Inverse Universe

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



003AC7



004AFF



2800C7



5A5C63



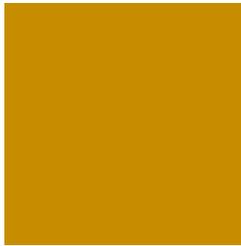
0030A3



000A24

Previews

White Background



This preview shows how the Hex color C78D00 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex C78D00 Background



This preview shows how black text looks on a background with the Hex color C78D00.



This preview shows how white text looks on a background with the Hex color C78D00.

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
C78D00

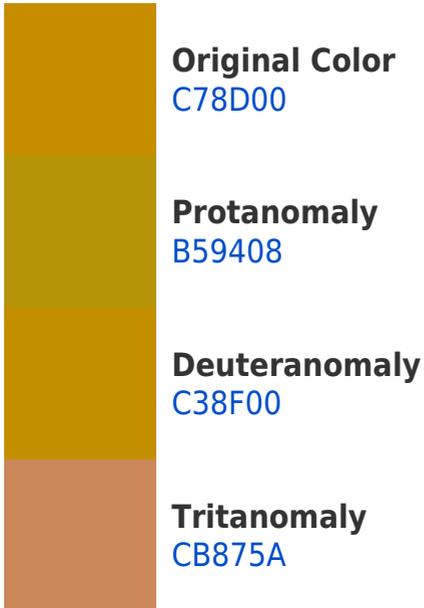
Protanopia
AB980C

Deuteranopia
C09000



Tritanopia
CD838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C78D00 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 #C78D00 looks like.

```
.text, #text, p{  
    color:#C78D00  
}
```

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 #C78D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78D00
}
```

Border

The CSS property to change the border of an element to Hex C78D00 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
#C78D00 }
```

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

```
.border{ border-color:#C78D00 }
```

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

Here you see how a box with a 4 pixel #C78D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78D00; -webkit-box-shadow:4px 4px  
4px 4px #C78D00; box-shadow:4px 4px 4px  
4px #C78D00 }
```

Background

The CSS property to change the background color of an element to Hex C78D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78D00 }
```

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

```
.background{ background-color:#C78D00 }
```

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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