

Converting Colors

Hex(C78513)

Have a look what the booklet for
Hex(C78513) contains.

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Color

Hex(C78513)

Conversions

Conversions Part 1

Format	Color
Hex	C78513
RGB	199, 133, 19
RGB Percent	78%, 52%, 7%
CMY	0.2196, 0.4784, 0.9255
CMYK	0.00, 0.33, 0.90, 0.22
HSL	38°, 83%, 43%
HSV	38°, 90%, 78%
XYZ	32.0583, 28.9642, 4.5171
YIQ	139.7380, 75.9300, -21.4620

Conversions

Conversions Part 2

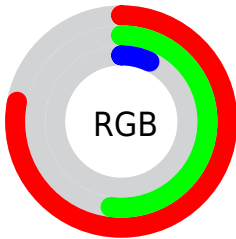
Format	Color
RYB	123, 199, 19
Decimal	13075731
CIELab	60.75, 17.23, 63.09
CIElCh	61, 65.402, 74.728
Yxy	28.9642, 0.4891, 0.4419
Android (android.graphics.Color)	4291265811 (0xFFC78513)
YUV	139.7380, -59.5238, 51.9728
Hunter-Lab	53.8184, 12.1458, 32.6965

Details

The Hex color **C78513** 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 **1355C7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFBA4E**, and **8B5400** is the 20% darker color. If you saturate the color by 10%, you get **C77E00**, and if you desaturate by 10%, it is **C78C27**.

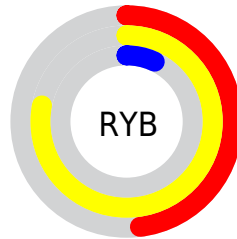
Distribution



Red (78%)

Green (52%)

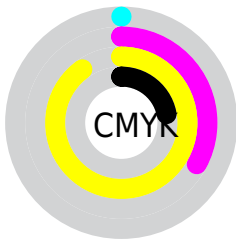
Blue (7%)



Red (48%)

Yellow (78%)

Blue (7%)

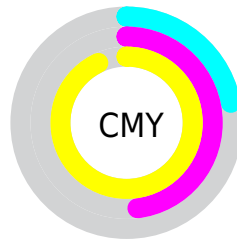


Cyan (0%)

Magenta (33%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78513 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 C78513 by changing the saturation by 10% instead.

 C78513

 C78513

FFFFFF

 A96C00

 FFBA4E

 8B5400

 FFD669

 6E3C00

 FFF284

 522600

 FFFFFA0

 371200

 FFFFFBC

 210000

 FFFFFD8

 000000

 FFFFF5

 C78513

 C78513

■ C77E00

■ C78C27

■ C7943B

■ C79B4F

■ C7A263

■ C7A977

■ C7B18A

■ C7B89E

■ C7BFB2

■ C7C7C6

Harmonies

Analogous

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



EB6C43



C78513



949905

Triad

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



C78513



00AEAE



B976E5

Complementary

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



C78513



1355C7

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.



508FFF



C78513



00ABE3

Square

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



C78513



00AC72



00A1FF



EB5EB3

Rectangle

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



C78513



6AA228



00A1FF



9F7FF2

Sweetspot

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



C78513



FFE6BA



C71355



807157



000000



808080

Same Dimension

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



C78513



FFA200



AFC713



63605A



A36700



241700

Inverse Universe

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



1355C7



005EFF



2B13C7



5A5D63



003CA3



000D24

Previews

White Background



This preview shows how the Hex color C78513 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 C78513 Background



This preview shows how black text looks on a background with the Hex color C78513.



This preview shows how white text looks on a background with the Hex color C78513.

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
C78513

Protanopia
A69317

Deuteranopia
BA8B0B



Tritanopia
CD7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C78513 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 #C78513 looks like.

```
.text, #text, p{  
    color:#C78513  
}
```

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 #C78513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78513
}
```

Border

The CSS property to change the border of an element to Hex C78513 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
#C78513 }
```

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

```
.border{ border-color:#C78513 }
```

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

Here you see how a box with a 4 pixel #C78513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78513; -webkit-box-shadow:4px 4px  
4px 4px #C78513; box-shadow:4px 4px 4px  
4px #C78513 }
```

Background

The CSS property to change the background color of an element to Hex C78513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78513 }
```

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

```
.background{ background-color:#C78513 }
```

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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