

Converting Colors

Hex(C78758)

Have a look what the booklet for
Hex(C78758) contains.

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Color

Hex(C78758)

Conversions

Conversions Part 1

Format	Color
Hex	C78758
RGB	199, 135, 88
RGB Percent	78%, 53%, 35%
CMY	0.2196, 0.4706, 0.6549
CMYK	0.00, 0.32, 0.56, 0.22
HSL	25°, 50%, 56%
HSV	25°, 56%, 78%
XYZ	33.9786, 30.1746, 13.2659
YIQ	148.7780, 53.2310, -1.0490

Conversions

Conversions Part 2

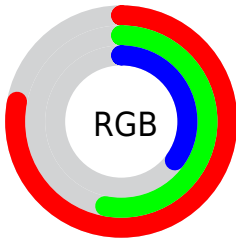
Format	Color
RYB	199, 170, 88
Decimal	13076312
CIELab	61.80, 19.50, 35.00
CIElCh	62, 40.061, 60.877
Yxy	30.1746, 0.4389, 0.3898
Android (android.graphics.Color)	4291266392 (0xFFC78758)
YUV	148.7780, -29.9636, 44.0447
Hunter-Lab	54.9314, 14.2836, 24.1335

Details

The Hex color **C78758** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5898C7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBC8B**, and **8E5529** is the 20% darker color. If you saturate the color by 10%, you get **C77C44**, and if you desaturate by 10%, it is **C7926C**.

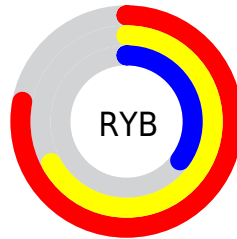
Distribution



Red (78%)

Green (53%)

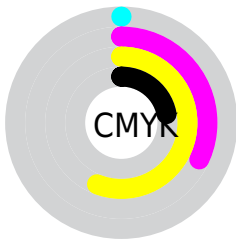
Blue (35%)



Red (78%)

Yellow (67%)

Blue (35%)

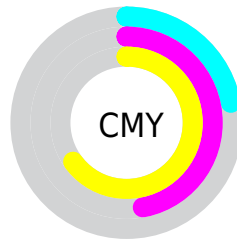


Cyan (0%)

Magenta (32%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78758 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 C78758 by changing the saturation by 10% instead.

 C78758

 C78758

FFFFFF

 AA6E40

 FFBC8B

 8E5529

 FFD8A5

 723D12

 FFF5C1

 572700

 FFFFDD

 3C1200

 FFFFFFFA

 250000

 000000

 C78758

 C78758

 C77C44

 C7926C

 C77030

 C79E80

 C7651C

 C7A994

 C75908

 C7B5A8

 C75400

 C7C0BC

 C7CCCF

 C7D7E3

 C7E3F7

 C7EEFF

Harmonies

Analogous

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



D77C73



C78758



AA944D

Triad

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



C78758



0FA895



9A8CD2

Complementary

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



C78758



5898C7

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.



5E99DC



C78758



00A7B9

Square

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



C78758



5AA572



00A2D3



C27FB8

Rectangle

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



C78758



939B51



00A2D3



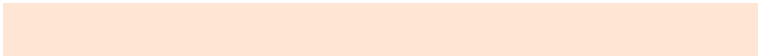
8890D8

Sweetspot

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



C78758



FFE6D4



C75899



807166



000000



808080

Same Dimension

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



C78758



FF9C54



C7BE58



635E5A



A34500



240F00

Inverse Universe

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



5898C7



54B7FF



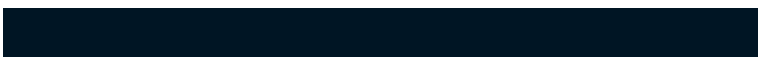
5861C7



5A5F63



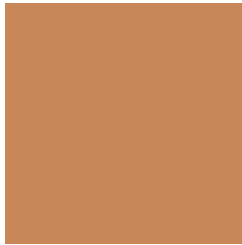
005EA3



001524

Previews

White Background



This preview shows how the Hex color C78758 looks on a white background.

Color Contrast Check

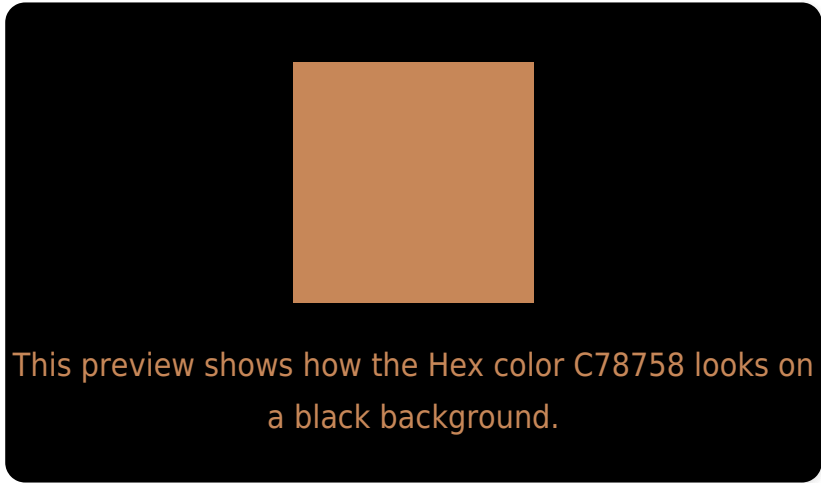
Large Text (above 18pt) WCAG AA × Fail

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

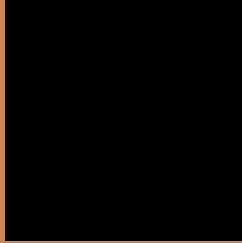
Any Text WCAG AA ✓ Pass

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 C78758 Background



This preview shows how black text looks on a background with the Hex color C78758.



This preview shows how white text looks on a background with the Hex color C78758.

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
C78758

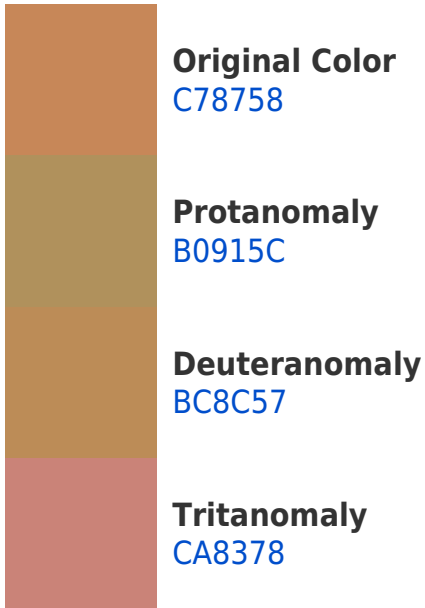
Protanopia
A3965E

Deuteranopia
B68F56

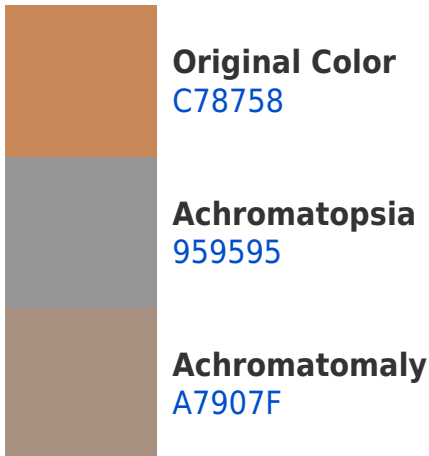


Tritanopia
CB818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C78758 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 #C78758 looks like.

```
.text, #text, p{  
    color:#C78758  
}
```

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 #C78758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78758  
}
```

Border

The CSS property to change the border of an element to Hex C78758 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  
#C78758 }
```

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

```
.border{ border-color:#C78758 }
```

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

Here you see how a box with a 4 pixel #C78758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78758; -webkit-box-shadow:4px 4px  
4px 4px #C78758; box-shadow:4px 4px 4px  
4px #C78758 }
```

Background

The CSS property to change the background color of an element to Hex C78758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78758 }
```

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

```
.background{ background-color:#C78758 }
```

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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