

Converting Colors

Hex(C78042)

Have a look what the booklet for
Hex(C78042) contains.

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Color

Hex(C78042)

Conversions

Conversions Part 1

Format	Color
Hex	C78042
RGB	199, 128, 66
RGB Percent	78%, 50%, 26%
CMY	0.2196, 0.4980, 0.7412
CMYK	0.00, 0.36, 0.67, 0.22
HSL	28°, 54%, 52%
HSV	28°, 67%, 78%
XYZ	32.2557, 27.9738, 8.8537
YIQ	142.1610, 62.2180, -4.2300

Conversions

Conversions Part 2

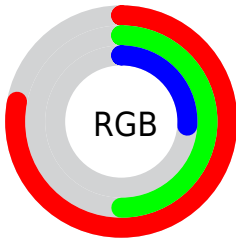
Format	Color
RYB	199, 182, 66
Decimal	13074498
CIELab	59.87, 21.75, 44.16
CIElCh	60, 49.224, 63.771
Yxy	27.9738, 0.4669, 0.4049
Android (android.graphics.Color)	4291264578 (0xFFC78042)
YUV	142.1610, -37.5474, 49.8478
Hunter-Lab	52.8903, 16.3023, 27.0982

Details

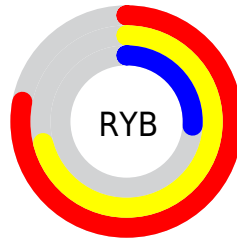
The Hex color **C78042** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4289C7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB574**, and **8D4E10** is the 20% darker color. If you saturate the color by 10%, you get **C7752E**, and if you desaturate by 10%, it is **C78B56**.

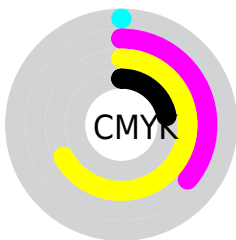
Distribution



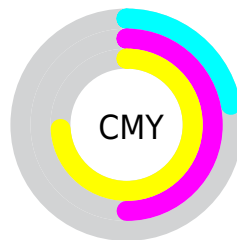
- Red (78%)
- Green (50%)
- Blue (26%)



- Red (78%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (22%)



- Cyan (22%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78042 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 C78042 by changing the saturation by 10% instead.

 C78042

 C78042

FFFFFF

 AA672A

 FFB574

 8D4E10

 FFD18E

 703700

 FFEDA9

 542100

 FFFFC5

 390B00

 FFFFFE1

 230001

FFFFFFE

 000000

 C78042

 C78042

 C7752E

 C78B56

 C76B1A

 C7956A

 C76006

 C7A07E

 C75D00

 C7AA92

 C7B5A6

 C7C0B9

 C7CACD

 C7D5E1

 C7E0F5

Harmonies

Analogous

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



DD7162



C78042



A49035

Triad

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



C78042



00A695



9A83D8

Complementary

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



C78042



4289C7

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.



4793E7



C78042



00A5BF

Square

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



C78042



38A368



009FDD



CA72B7

Rectangle

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



C78042



87983D



009FDD



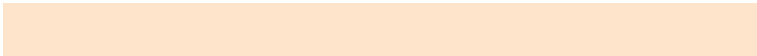
8488E0

Sweetspot

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



C78042



FFE4CC



C7428B



806F61



000000



808080

Same Dimension

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



C78042



FF9233



C7C042



635E5A



A34C00



241100

Inverse Universe

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



4289C7



33A0FF



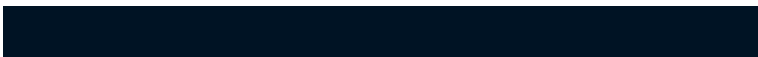
4249C7



5A5F63



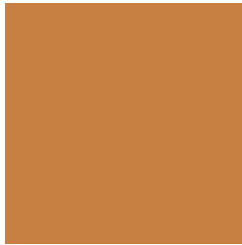
0057A3



001324

Previews

White Background



This preview shows how the Hex color C78042 looks on a white background.

Color Contrast Check

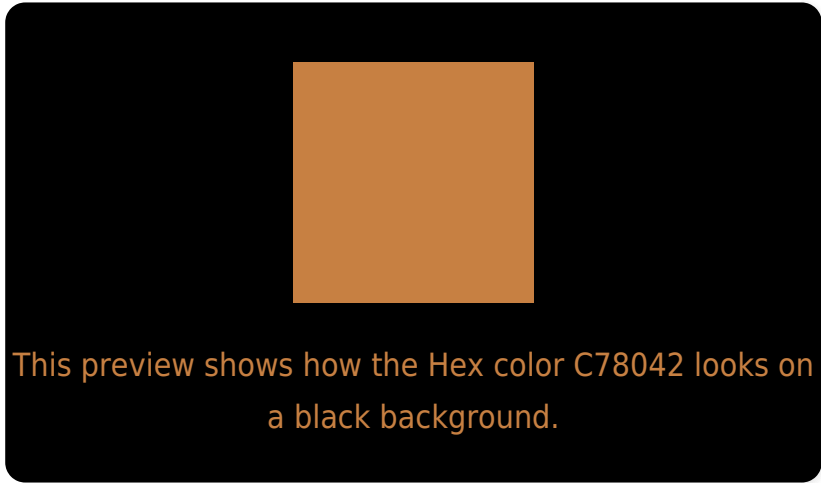
Large Text (above 18pt) WCAG AA ✓ Pass

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

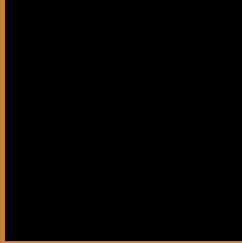
Any Text WCAG AA ✓ Pass

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 C78042 Background



This preview shows how black text looks on a background with the Hex color C78042.

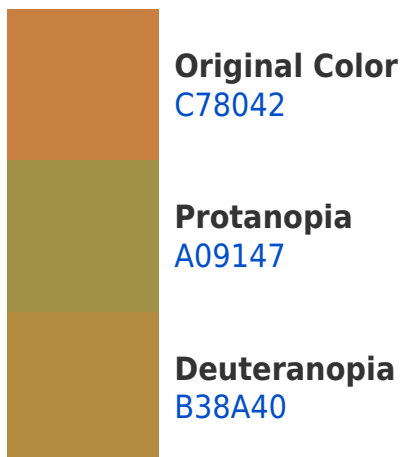


This preview shows how white text looks on a background with the Hex color C78042.

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





Tritanopia
CB7982

Trichromacy



Original Color
C78042

Protanomaly
AE8B45

Deuteranomaly
BA8641

Tritanomaly
CA7C6B

Monochromacy



Original Color
C78042

Achromatopsia
8E8E8E

Achromatomaly
A38972

CSS Examples

Text

The CSS property to change the color of the text to Hex C78042 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 #C78042 looks like.

```
.text, #text, p{  
    color:#C78042  
}
```

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 #C78042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78042
}
```

Border

The CSS property to change the border of an element to Hex C78042 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
#C78042 }
```

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

```
.border{ border-color:#C78042 }
```

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

Here you see how a box with a 4 pixel #C78042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78042; -webkit-box-shadow:4px 4px  
4px 4px #C78042; box-shadow:4px 4px 4px  
4px #C78042 }
```

Background

The CSS property to change the background color of an element to Hex C78042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78042 }
```

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

```
.background{ background-color:#C78042 }
```

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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