

Converting Colors

Hex(C79451)

Have a look what the booklet for
Hex(C79451) contains.

Hex(C79451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C79451)

Conversions

Conversions Part 1

Format	Color
Hex	C79451
RGB	199, 148, 81
RGB Percent	78%, 58%, 32%
CMY	0.2196, 0.4196, 0.6824
CMYK	0.00, 0.26, 0.59, 0.22
HSL	34°, 51%, 55%
HSV	34°, 59%, 78%
XYZ	35.6283, 33.9160, 12.4532
YIQ	155.6110, 51.9030, -10.0250

Conversions

Conversions Part 2

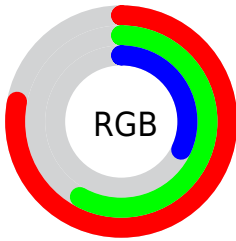
Format	Color
RYB	171, 199, 81
Decimal	13079633
CIELab	64.90, 11.83, 42.39
CIElCh	65, 44.012, 74.414
Yxy	33.9160, 0.4345, 0.4136
Android (android.graphics.Color)	4291269713 (0xFFC79451)
YUV	155.6110, -36.7832, 38.0522
Hunter-Lab	58.2374, 7.2865, 28.0879

Details

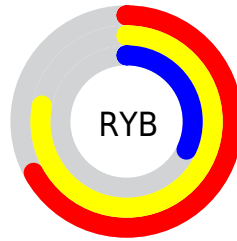
The Hex color **C79451** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5184C7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFCA84**, and **8E6120** is the 20% darker color. If you saturate the color by 10%, you get **C78B3D**, and if you desaturate by 10%, it is **C79D65**.

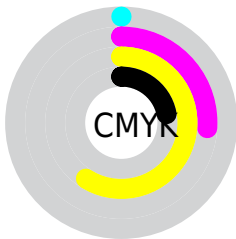
Distribution



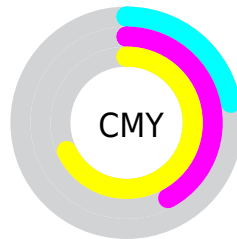
- Red (78%)
- Green (58%)
- Blue (32%)



- Red (67%)
- Yellow (78%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (59%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color C79451 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 C79451 by changing the saturation by 10% instead.

 C79451

 C79451

FFFFFF

 AA7A38

 FFCA84

 8E6120

 FFE69F

 724A05

 FFFFBA

 583300

 FFFFFD6

 3D1E00

 FFFFFF3

 240800

 000000

 C79451

 C79451

 C78B3D

 C79D65

 C78329

 C7A579

 C77A15

 C7AE8D

 C77201

 C7B6A1

 C77100

 C7BFB5

 C7C8C8

 C7D0DC

 C7D9F0

 C7E1FF

Harmonies

Analogous

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



E08668



C79451



A3A14F

Triad

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



C79451



00B2B0



B98CD6

Complementary

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



C79451



5184C7

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.



809BEA



C79451



00AFD3

Square

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



C79451



3CB087



1DA7E9



DC80B4

Rectangle

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



C79451



87A85A



1DA7E9



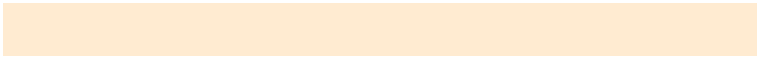
A991DF

Sweetspot

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



C79451



FFEBD1



C75184



807363



000000



808080

Same Dimension

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



C79451



FFB14A



BFC751



635F5A



A35D00



241400

Inverse Universe

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



5184C7



4A98FF



5951C7



5A5E63



0047A3



000F24

Previews

White Background



This preview shows how the Hex color C79451 looks on a white background.

Color Contrast Check

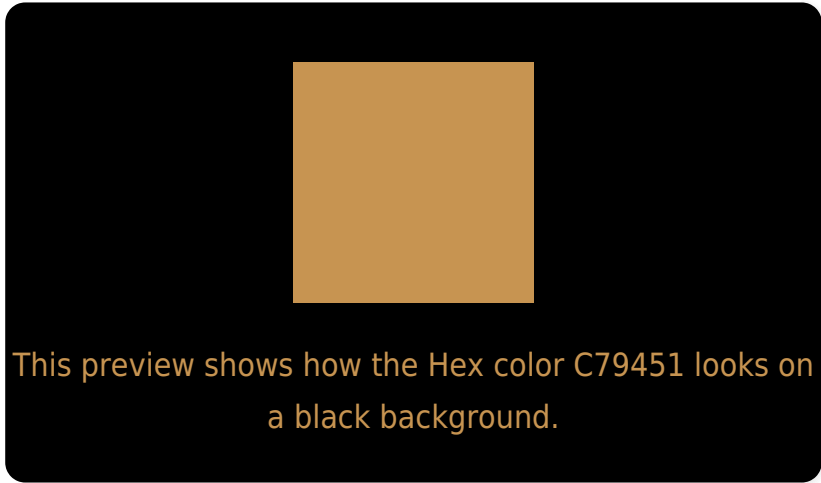
Large Text (above 18pt) WCAG AA × Fail

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 C79451 Background



This preview shows how black text looks on a background with the Hex color C79451.

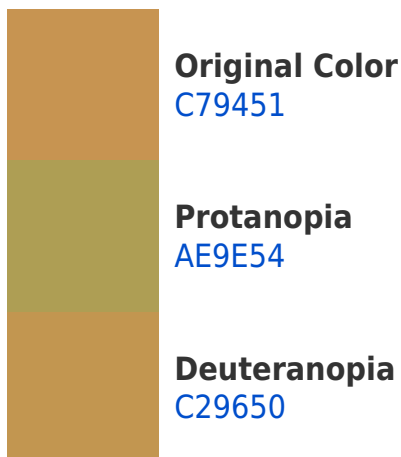


This preview shows how white text looks on a background with the Hex color C79451.

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](#).

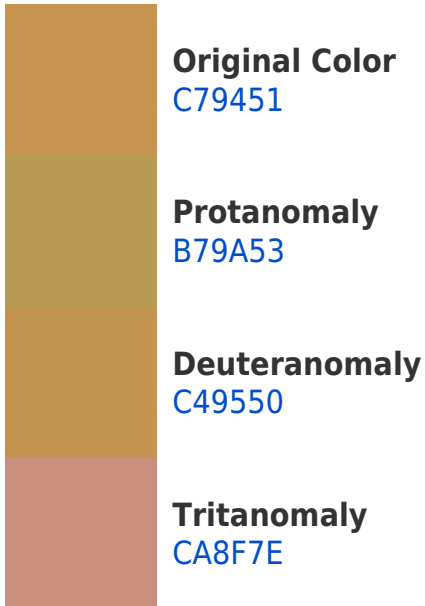
Dichromacy





Tritanopia
CC8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C79451 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 #C79451 looks like.

```
.text, #text, p{  
    color:#C79451  
}
```

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 #C79451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79451
}
```

Border

The CSS property to change the border of an element to Hex C79451 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
#C79451 }
```

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

```
.border{ border-color:#C79451 }
```

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

Here you see how a box with a 4 pixel #C79451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79451; -webkit-box-shadow:4px 4px  
4px 4px #C79451; box-shadow:4px 4px 4px  
4px #C79451 }
```

Background

The CSS property to change the background color of an element to Hex C79451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79451 }
```

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

```
.background{ background-color:#C79451 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor