

Converting Colors

Hex(CE971D)

Have a look what the booklet for
Hex(CE971D) contains.

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Color

Hex(CE971D)

Conversions

Conversions Part 1

Format	Color
Hex	CE971D
RGB	206, 151, 29
RGB Percent	81%, 59%, 11%
CMY	0.1922, 0.4078, 0.8863
CMYK	0.00, 0.27, 0.86, 0.19
HSL	41°, 75%, 46%
HSV	41°, 86%, 81%
XYZ	36.7420, 35.3437, 6.0479
YIQ	153.5370, 71.9420, -26.2820

Conversions

Conversions Part 2

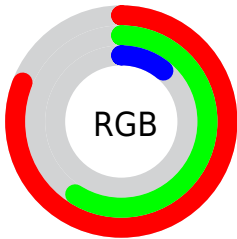
Format	Color
R_{YB}	109, 206, 29
Decimal	13539101
CIE _{Lab}	66.02, 10.72, 65.10
CIE _{LCh}	66, 65.973, 80.651
Yxy	35.3437, 0.4702, 0.4523
Android (android.graphics.Color)	4291729181 (0xFFCE971D)
YUV	153.5370, -61.3967, 46.0101
Hunter-Lab	59.4506, 6.2790, 35.5838

Details

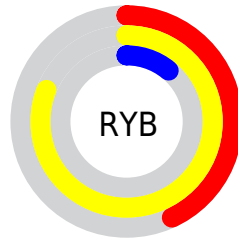
The Hex color **CE971D** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1D54CE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFCD57**, and **936400** is the 20% darker color. If you saturate the color by 10%, you get **CE9108**, and if you desaturate by 10%, it is **CE9D32**.

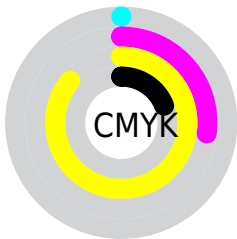
Distribution



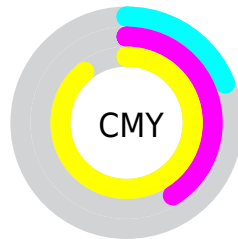
- Red (81%)
- Green (59%)
- Blue (11%)



- Red (43%)
- Yellow (81%)
- Blue (11%)



- Cyan (0%)
- Magenta (27%)
- Yellow (86%)
- Black (19%)



- Cyan (19%)
- Magenta (41%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE971D 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 CE971D by changing the saturation by 10% instead.

 CE971D

 CE971D

FFFFFF

 B07D00

 FFCD57

 936400

 FFE972

 764D00

 FFFF8E

 593600

 FFFFA9

 3E2100

 FFFFC6

 250C00

 FFFF E3

 000000

 CE971D

 CE971D

 CE9108

 CE9D32

■ CE8E00

■ CEA446

■ CEAA5B

■ CEB16F

■ CEB784

■ CEBD99

■ CEC4AD

■ CECAC2

■ CED1D6

Harmonies

Analogous

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



F77F45



CE971D



97AA22

Triad

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



CE971D



00BCC9



D67EEC

Complementary

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



CE971D



1D54CE

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.



7D98FF



CE971D



00B8FB

Square

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



CE971D



00BB8B



00ADFF



FF69B6

Rectangle

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



CE971D



6AB23F



00ADFF



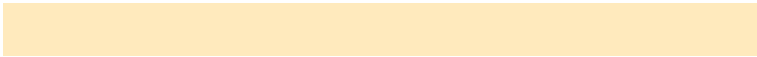
BE87FB

Sweetspot

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



CE971D



FFEABD



CE1D55



807358



000000



808080

Same Dimension

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



CE971D



FFB000



AECE1D



66635C



A67200



261A00

Inverse Universe

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



1D54CE



004FFF



3D1DCE



5C5F66



0034A6



000C26

Previews

White Background



This preview shows how the Hex color CE971D looks on a white background.

Color Contrast Check

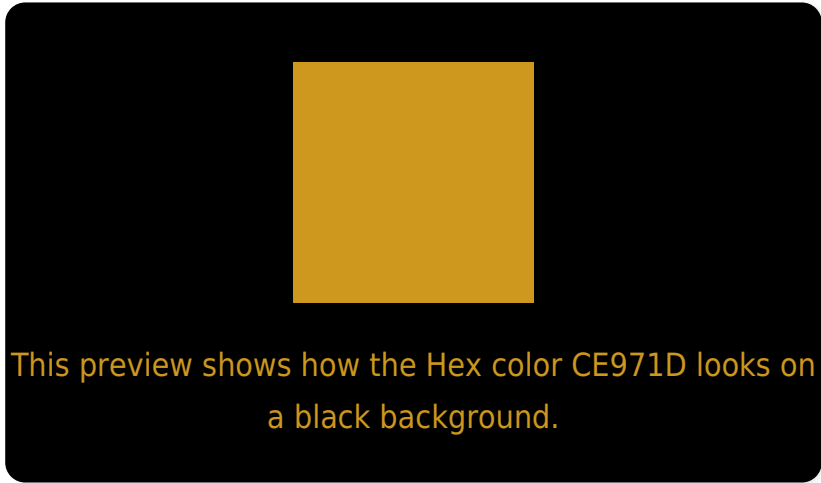
Large Text (above 18pt) WCAG AA × Fail

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 CE971D Background



This preview shows how black text looks on a background with the Hex color CE971D.



This preview shows how white text looks on a background with the Hex color CE971D.

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
CE971D

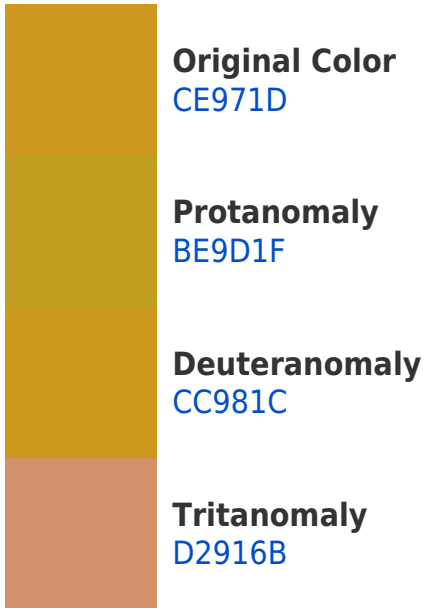
Protanopia
B5A120

Deuteranopia
CB981C



Tritanopia
D58D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE971D 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 #CE971D looks like.

```
.text, #text, p{  
    color:#CE971D  
}
```

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 #CE971D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE971D
}
```

Border

The CSS property to change the border of an element to Hex CE971D 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
#CE971D }
```

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

```
.border{ border-color:#CE971D }
```

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

Here you see how a box with a 4 pixel #CE971D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE971D; -webkit-box-shadow:4px 4px  
4px 4px #CE971D; box-shadow:4px 4px 4px  
4px #CE971D }
```

Background

The CSS property to change the background color of an element to Hex CE971D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE971D }
```

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

```
.background{ background-color:#CE971D }
```

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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