

Converting Colors

Hex(CEA271)

Have a look what the booklet for
Hex(CEA271) contains.

Hex(CEA271)	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(CEA271)

Conversions

Conversions Part 1

Format	Color
Hex	CEA271
RGB	206, 162, 113
RGB Percent	81%, 64%, 44%
CMY	0.1922, 0.3647, 0.5569
CMYK	0.00, 0.21, 0.45, 0.19
HSL	32°, 49%, 63%
HSV	32°, 45%, 81%
XYZ	41.3546, 40.1547, 21.1938
YIQ	169.5700, 41.9530, -5.9110

Conversions

Conversions Part 2

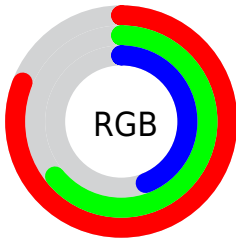
Format	Color
RYB	197, 206, 113
Decimal	13542001
CIELab	69.58, 10.00, 31.64
CIElCh	70, 33.186, 72.463
Yxy	40.1547, 0.4027, 0.3910
Android (android.graphics.Color)	4291732081 (0xFFCEA271)
YUV	169.5700, -27.8890, 31.9491
Hunter-Lab	63.3678, 5.5977, 24.5275

Details

The Hex color **CEA271** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **719DCE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD9A5**, and **966E40** is the 20% darker color. If you saturate the color by 10%, you get **CE985C**, and if you desaturate by 10%, it is **CEAC86**.

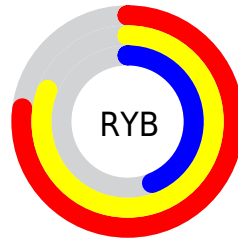
Distribution



Red (81%)

Green (64%)

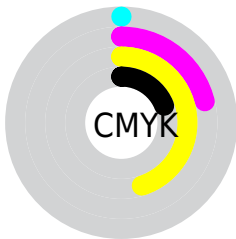
Blue (44%)



Red (77%)

Yellow (81%)

Blue (44%)

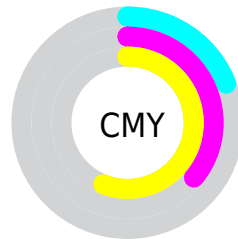


Cyan (0%)

Magenta (21%)

Yellow (45%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEA271 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 CEA271 by changing the saturation by 10% instead.

 CEA271

 CEA271

FFFFFF

 B28858

 FFD9A5

 966E40

 FFF5C1

 7A5629

 FFFFDD

 603F12

 FFFFF9

 472900

 2D1500

 130000

 000000

 CEA271

 CEA271

 CE985C

 CEAC86

 CE8F48

 CEB59A

 CE8533

 CEBFAF

 CE7B1F

 CEC9C3

 CE710A

 CED3D8

 CE6D00

 CEDCED

 CEE6FF

 CEF0FF

 CEFAFF

Harmonies

Analogous

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



E19883



CEA271



B2AC6F

Triad

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



CEA271



4BBAB6



BE9ED6

Complementary

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



CEA271



719DCE

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.



94A9E4



CEA271



43B8D2

Square

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



CEA271



6CB997



65B2E3



DA95BD

Rectangle

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



CEA271



9CB276



65B2E3



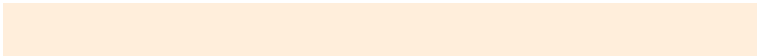
B1A1DD

Sweetspot

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



CEA271



FFEEDB



CE719E



80756A



000000



808080

Same Dimension

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



CEA271



FFBE75



CCCE71



66615C



A65700



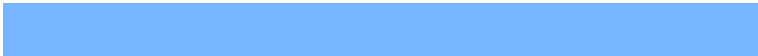
261400

Inverse Universe

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



719DCE



75B6FF



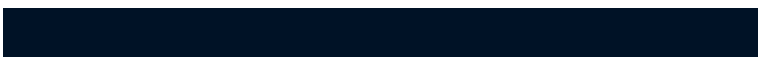
7371CE



5C6166



004EA6



001226

Previews

White Background



This preview shows how the Hex color CEA271 looks on a white background.

Color Contrast Check

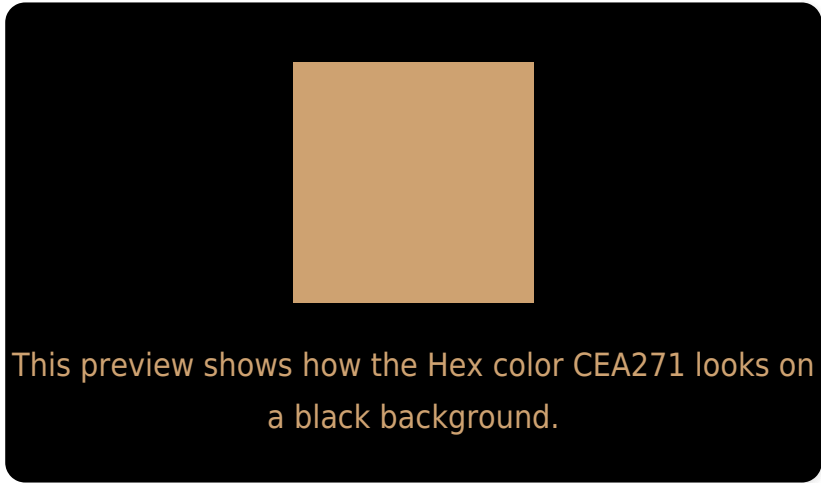
Large Text (above 18pt) WCAG AA × Fail

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

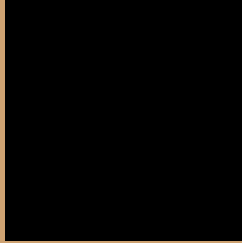
Any Text WCAG AA ✓ Pass

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 CEA271 Background



This preview shows how black text looks on a background with the Hex color CEA271.

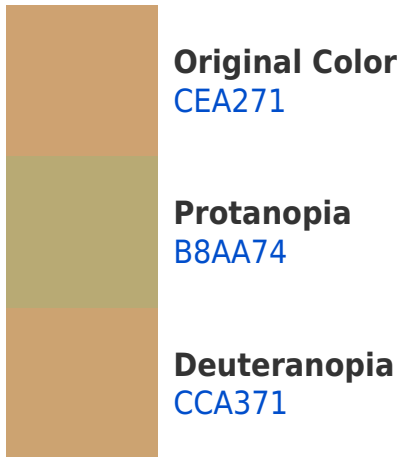


This preview shows how white text looks on a background with the Hex color CEA271.

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](#).

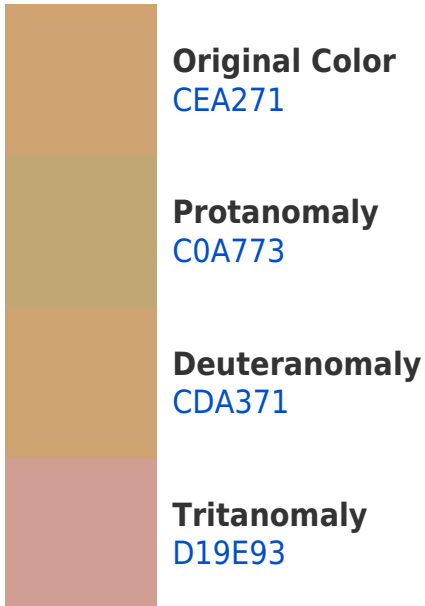
Dichromacy



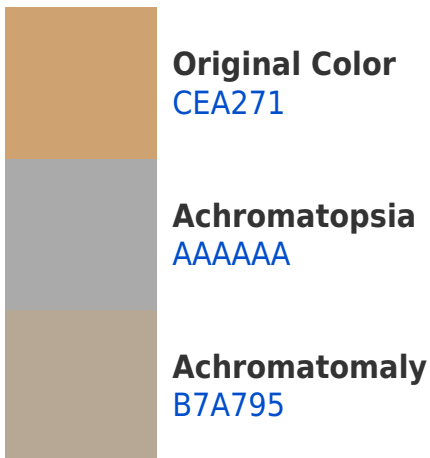


Tritanopia
D39BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEA271 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 #CEA271 looks like.

```
.text, #text, p{  
    color:#CEA271  
}
```

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 #CEA271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEA271  
}
```

Border

The CSS property to change the border of an element to Hex CEA271 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  
#CEA271 }
```

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

```
.border{ border-color:#CEA271 }
```

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

Here you see how a box with a 4 pixel #CEA271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEA271; -webkit-box-shadow:4px 4px  
4px 4px #CEA271; box-shadow:4px 4px 4px  
4px #CEA271 }
```

Background

The CSS property to change the background color of an element to Hex CEA271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEA271 }
```

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

```
.background{ background-color:#CEA271 }
```

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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