

Converting Colors

Hex(CAA273)

Have a look what the booklet for
Hex(CAA273) contains.

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Color

Hex(CAA273)

Conversions

Conversions Part 1

Format	Color
Hex	CAA273
RGB	202, 162, 115
RGB Percent	79%, 64%, 45%
CMY	0.2078, 0.3647, 0.5490
CMYK	0.00, 0.20, 0.43, 0.21
HSL	32°, 45%, 62%
HSV	32°, 43%, 79%
XYZ	40.3720, 39.6350, 21.7421
YIQ	168.6020, 38.9270, -6.1370

Conversions

Conversions Part 2

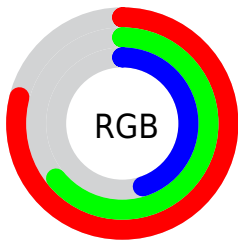
Format	Color
RYB	189, 202, 115
Decimal	13279859
CIELab	69.21, 8.57, 30.01
CIElCh	69, 31.213, 74.058
Yxy	39.6350, 0.3968, 0.3895
Android (android.graphics.Color)	4291469939 (0xFFCAA273)
YUV	168.6020, -26.4258, 29.2900
Hunter-Lab	62.9564, 4.2929, 23.5935

Details

The Hex color **CAA273** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **739BCA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD9A7**, and **926E42** is the 20% darker color. If you saturate the color by 10%, you get **CA995F**, and if you desaturate by 10%, it is **CAAB87**.

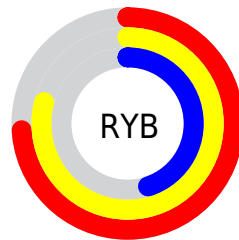
Distribution



Red (79%)

Green (64%)

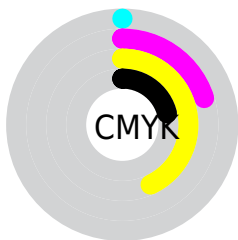
Blue (45%)



Red (74%)

Yellow (79%)

Blue (45%)

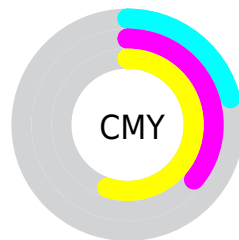


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA273 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 CAA273 by changing the saturation by 10% instead.

 CAA273

 CAA273

FFFFFF

 AE885A

 FFD9A7

 926E42

 FFF5C3

 77562B

 FFFFDF

 5D3F15

 FFFFFC

 442900

 2B1500

 0D0000

 000000

 CAA273

 CAA273

CA995F

CAAB87

CA8F4B

CAB59B

CA8636

CABEB0

CA7D22

CAC7C4

CA740E

CAD0D8

CA6D00

CADAEC

CAE3FF

CAECFF

CAF6FF

Harmonies

Analogous

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



DC9983



CAA273



AFAB72

Triad

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



CAA273



52B9B6



BD9DD2

Complementary

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



CAA273



739BCA

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.



97A7E0



CAA273



4EB6CF

Square

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



CAA273



6EB798



6DB0DF



D795B9

Rectangle

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



CAA273



9AB179



6DB0DF



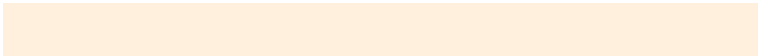
B2A0D8

Sweetspot

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



CAA273



FFF0DE



CA739C



80766B



000000



808080

Same Dimension

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



CAA273



FFC27A



C7CA73



66615C



A65A00



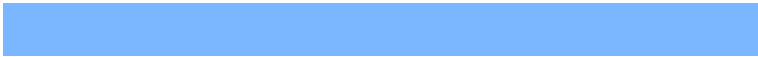
261500

Inverse Universe

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



739BCA



7AB7FF



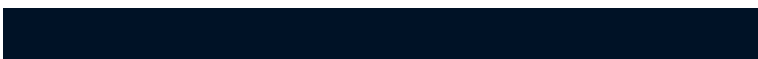
7673CA



5C6066



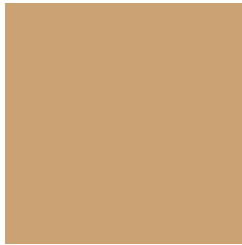
004CA6



001226

Previews

White Background



This preview shows how the Hex color CAA273 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

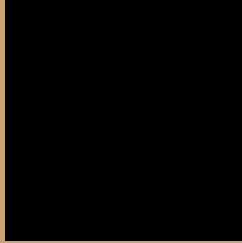
Any Text WCAG AA ✓ Pass

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 CAA273 Background



This preview shows how black text looks on a background with the Hex color CAA273.

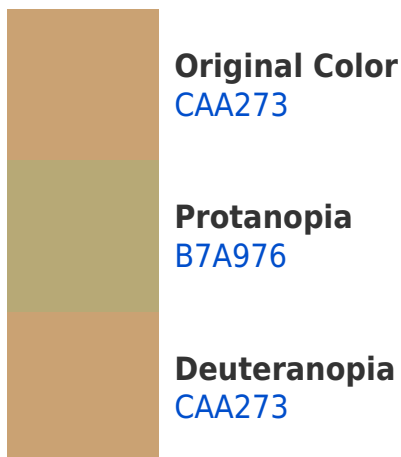


This preview shows how white text looks on a background with the Hex color CAA273.

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](#).

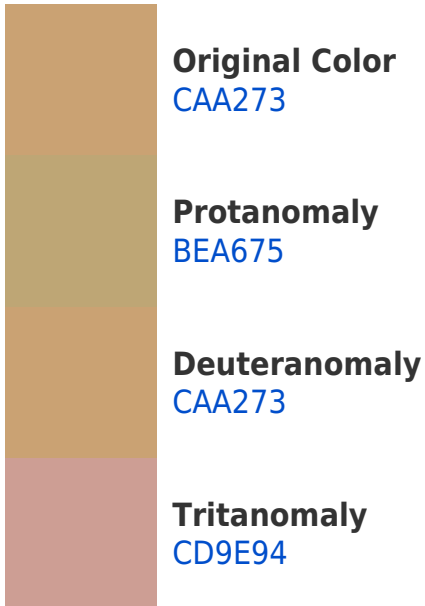
Dichromacy



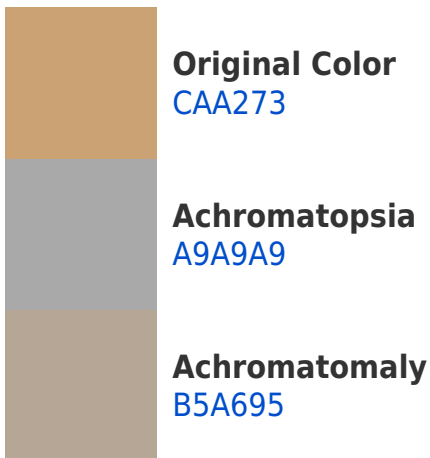


Tritanopia
CF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA273 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 #CAA273 looks like.

```
.text, #text, p{  
    color:#CAA273  
}
```

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 #CAA273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA273
}
```

Border

The CSS property to change the border of an element to Hex CAA273 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
#CAA273 }
```

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

```
.border{ border-color:#CAA273 }
```

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

Here you see how a box with a 4 pixel #CAA273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA273; -webkit-box-shadow:4px 4px  
4px 4px #CAA273; box-shadow:4px 4px 4px  
4px #CAA273 }
```

Background

The CSS property to change the background color of an element to Hex CAA273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA273 }
```

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

```
.background{ background-color:#CAA273 }
```

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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