

Converting Colors

Hex(CAA272)

Have a look what the booklet for
Hex(CAA272) contains.

Hex(CAA272)	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(CAA272)

Conversions

Conversions Part 1

Format	Color
Hex	CAA272
RGB	202, 162, 114
RGB Percent	79%, 64%, 45%
CMY	0.2078, 0.3647, 0.5529
CMYK	0.00, 0.20, 0.44, 0.21
HSL	33°, 45%, 62%
HSV	33°, 44%, 79%
XYZ	40.3147, 39.6121, 21.4407
YIQ	168.4880, 39.2480, -6.4480

Conversions

Conversions Part 2

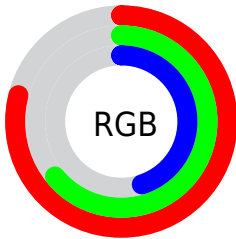
Format	Color
RYB	187, 202, 114
Decimal	13279858
CIELab	69.19, 8.47, 30.53
CIELCh	69, 31.679, 74.500
Yxy	39.6121, 0.3977, 0.3908
Android (android.graphics.Color)	4291469938 (0xFFCAA272)
YUV	168.4880, -26.8626, 29.3900
Hunter-Lab	62.9382, 4.1955, 23.8588

Details

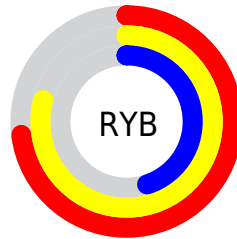
The Hex color **CAA272** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **729ACA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD9A6**, and **926E41** is the 20% darker color. If you saturate the color by 10%, you get **CA995E**, and if you desaturate by 10%, it is **CAAB86**.

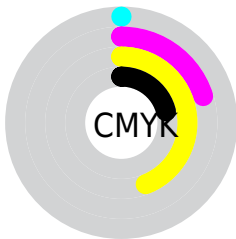
Distribution



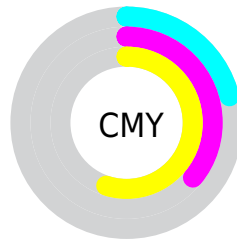
- Red (79%)
- Green (64%)
- Blue (45%)



- Red (73%)
- Yellow (79%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA272 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 CAA272 by changing the saturation by 10% instead.



CAA272



CAA272

FFFFFF



AE8859



FFD9A6



926E41



FFF5C2



77562A



FFFFDE



5D3F14



FFFFFFA



442900



2B1500



0D0000



000000



CAA272



CAA272

CA995E

CAAB86

CA904A

CAB49A

CA8635

CABEAF

CA7D21

CAC7C3

CA740D

CAD0D7

CA6E00

CAD9EB

CAE2FF

CAEBFF

CAF5FF

Harmonies

Analogous

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



DC9982



CAA272



AFAC71

Triad

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



CAA272



4FB9B6



BE9DD2

Complementary

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



CAA272



729ACA

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.



98A7E0



CAA272



4CB6D0

Square

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



CAA272



6DB899



6CB0E0



D895B9

Rectangle

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



CAA272



9AB179



6CB0E0



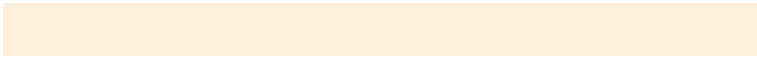
B2A0D8

Sweetspot

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



CAA272



FFF0DE



CA729B



80766B



000000



808080

Same Dimension

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



CAA272



FFC37A



C7CA72



66615C



A65A00



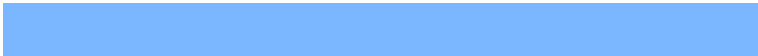
261500

Inverse Universe

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



729ACA



7AB7FF



7572CA



5C6066



004BA6



001126

Previews

White Background



This preview shows how the Hex color CAA272 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

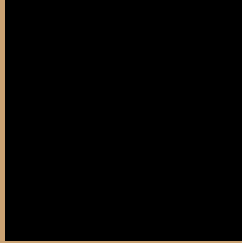
Any Text WCAG AA ✓ Pass

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 CAA272 Background



This preview shows how black text looks on a background with the Hex color CAA272.



This preview shows how white text looks on a background with the Hex color CAA272.

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
CAA272

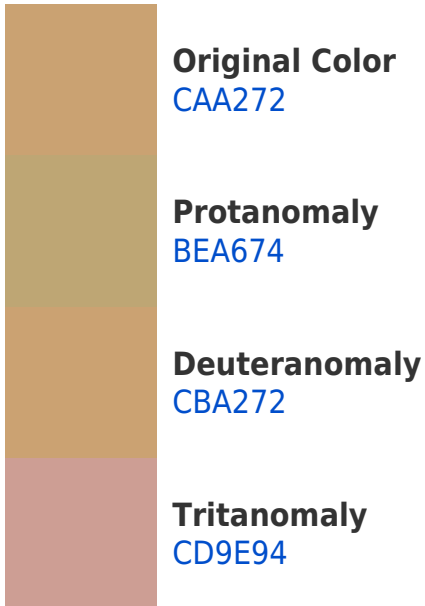
Protanopia
B7A975

Deuteranopia
CBA272

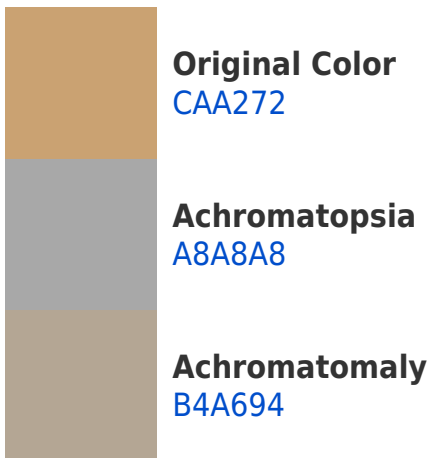


Tritanopia
CF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA272 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 #CAA272 looks like.

```
.text, #text, p{  
    color:#CAA272  
}
```

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 #CAA272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA272
}
```

Border

The CSS property to change the border of an element to Hex CAA272 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
#CAA272 }
```

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

```
.border{ border-color:#CAA272 }
```

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

Here you see how a box with a 4 pixel #CAA272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA272; -webkit-box-shadow:4px 4px  
4px 4px #CAA272; box-shadow:4px 4px 4px  
4px #CAA272 }
```

Background

The CSS property to change the background color of an element to Hex CAA272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA272 }
```

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

```
.background{ background-color:#CAA272 }
```

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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