

# Converting Colors

Hex(CA8173)

Have a look what the booklet for  
Hex(CA8173) contains.

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# **Color**

**Hex(CA8173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8173
RGB	202, 129, 115
RGB Percent	79%, 51%, 45%
CMY	0.2078, 0.4941, 0.5490
CMYK	0.00, 0.36, 0.43, 0.21
HSL	10°, 45%, 62%
HSV	10°, 43%, 79%
XYZ	35.3019, 29.4949, 20.0521
YIQ	149.2310, 48.0020, 11.1220

# Conversions

## Conversions Part 2

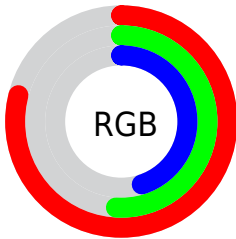
Format	Color
R <sub>Y</sub> B	202, 132, 115
Decimal	13271411
CIE Lab	61.22, 26.58, 19.34
CIE LCh	61, 32.875, 36.042
Yxy	29.4949, 0.4161, 0.3476
Android (android.graphics.Color)	4291461491 (0xFFCA8173)
YUV	149.2310, -16.8759, 46.2784
Hunter-Lab	54.3092, 20.9870, 16.1253

# Details

The Hex color **CA8173** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **73BCCA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB6A7**, and **914F43** is the 20% darker color. If you saturate the color by 10%, you get **CA705F**, and if you desaturate by 10%, it is **CA9287**.

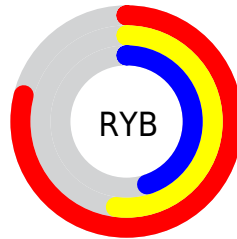
# Distribution



Red (79%)

Green (51%)

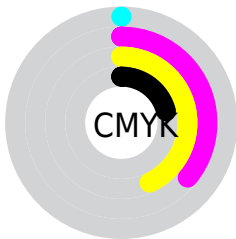
Blue (45%)



Red (79%)

Yellow (52%)

Blue (45%)

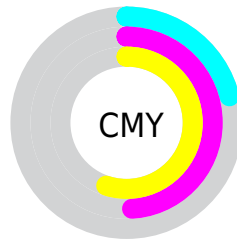


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8173 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 CA8173 by changing the saturation by 10% instead.



CA8173

CA8173

FFFFFF

AD675A

FFB6A7

914F43

FFD2C2

76372D

FFEFDE

5B2018

FFFFFB

410800

2A0001

000000

CA8173

CA8173

CA705F

CA9287

 CA5F4B

 CAA39B

 CA4E36

 CAB4B0

 CA3D22

 CAC5C4

 CA2C0E

 CAD6D8

 CA2100

 CAE7EC

 CAF8FF

 CAFFFF

# Harmonies

## Analogous

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



CC7D8F



CA8173



BB8A5F

# Triad

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



CA8173



5FA17B



7495CD

# Complementary

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



CA8173



73BCCA

# 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.



429DC8



CA8173



38A399

# Square

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



CA8173



829C64



1FA2B5



9F8AC3

# Rectangle

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



CA8173



AB915A



1FA2B5



6498CD

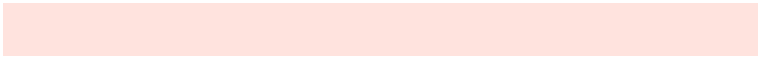


# Sweetspot

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



CA8173



FFE3DE



CA73BD



806E6B



000000



808080



# Same Dimension

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



CA8173



FF907A



CAAC73



665D5C



A61B00



260600

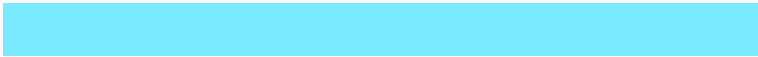


# Inverse Universe

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



73BCCA



7AEAFF



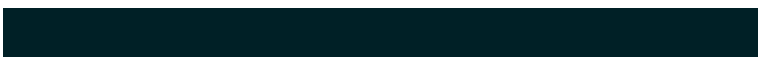
7391CA



5C6466



008BA6



002026



# Previews

## White Background



This preview shows how the Hex color CA8173 looks on a white background.

## Color Contrast Check

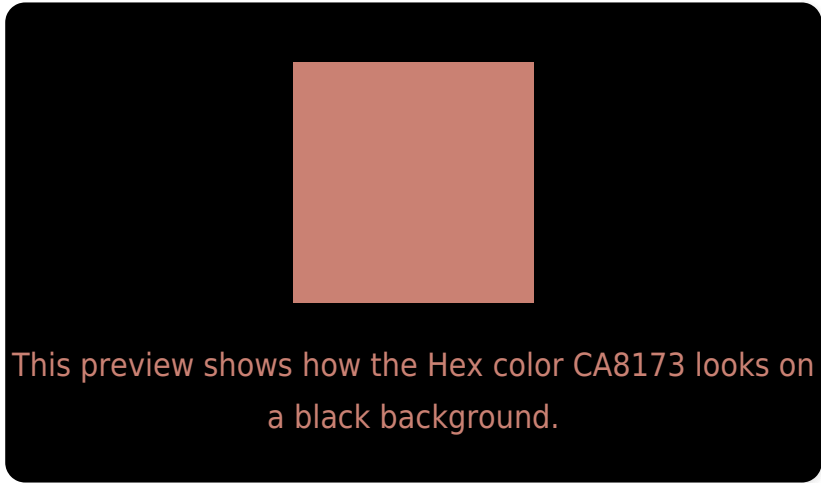
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA8173 Background



This preview shows how black text looks on a background with the Hex color CA8173.

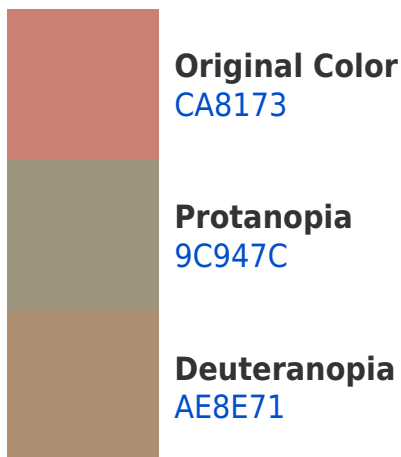


This preview shows how white text looks on a background with the Hex color CA8173.

# 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





# Trichromacy



**Original Color**  
CA8173

**Protanomaly**  
AD8D79

**Deuteranomaly**  
B88972

**Tritanomaly**  
CB7F80

# Monochromacy



**Original Color**  
CA8173

**Achromatopsia**  
959595

**Achromatomaly**  
A88E89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8173 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 #CA8173 looks like.

```
.text, #text, p{  
    color:#CA8173  
}
```

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 #CA8173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8173
}
```

## Border

The CSS property to change the border of an element to Hex CA8173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

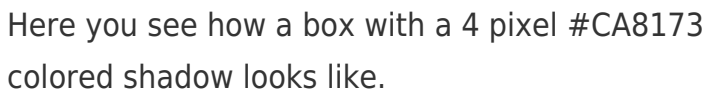
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA8173 }
```

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

```
.border{ border-color:#CA8173 }
```

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



Here you see how a box with a 4 pixel #CA8173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8173; -webkit-box-shadow:4px 4px  
4px 4px #CA8173; box-shadow:4px 4px 4px  
4px #CA8173 }
```

# Background

The CSS property to change the background color of an element to Hex CA8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8173 }
```

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

```
.background{ background-color:#CA8173 }
```

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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