

# Converting Colors

Hex(CA8175)

Have a look what the booklet for  
Hex(CA8175) contains.

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# **Color**

**Hex(CA8175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8175
RGB	202, 129, 117
RGB Percent	79%, 51%, 46%
CMY	0.2078, 0.4941, 0.5412
CMYK	0.00, 0.36, 0.42, 0.21
HSL	8°, 45%, 63%
HSV	8°, 42%, 79%
XYZ	35.4183, 29.5414, 20.6649
YIQ	149.4590, 47.3600, 11.7440

# Conversions

## Conversions Part 2

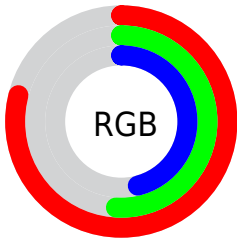
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 131, 117
Decimal	13271413
CIE Lab	61.26, 26.80, 18.27
CIE LCh	61, 32.434, 34.274
Yxy	29.5414, 0.4136, 0.3450
Android (android.graphics.Color)	4291461493 (0xFFCA8175)
YUV	149.4590, -16.0023, 46.0785
Hunter-Lab	54.3520, 21.2027, 15.5040

# Details

The Hex color **CA8175** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **75BECA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB7A9**, and **914F45** is the 20% darker color. If you saturate the color by 10%, you get **CA7061**, and if you desaturate by 10%, it is **CA9289**.

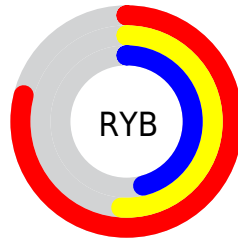
# Distribution



Red (79%)

Green (51%)

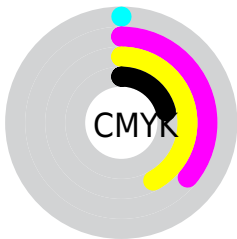
Blue (46%)



Red (79%)

Yellow (51%)

Blue (46%)

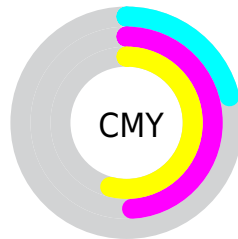


Cyan (0%)

Magenta (36%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8175 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 CA8175 by changing the saturation by 10% instead.



CA8175

CA8175

FFFFFF

AD675C

FFB7A9

914F45

FFD2C4

76372E

FFEFE0

5B2019

FFFFFFD

420700

2A0001

000000

CA8175

CA8175

CA7061

CA9289

 CA5E4D

 CAA49D

 CA4D38

 CAB5B2

 CA3C24

 CAC6C6

 CA2A10

 CAD8DA

 CA1D00

 CAE9EE

 CAFAFF

 CAFFFF

# Harmonies

## Analogous

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



CB7E91



CA8175



BB8A61

# Triad

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



CA8175



62A17A



7295CD

# Complementary

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



CA8175



75BECA

# 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.



429DC7



CA8175



3DA397

# Square

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



CA8175



849C64



24A2B3



9D8BC3

# Rectangle

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



CA8175



AC905B



24A2B3



6298CC

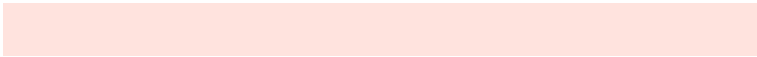


# Sweetspot

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



CA8175



FFE3DE



CA75BF



806E6B



000000



808080



# Same Dimension

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



CA8175



FF9280



CAAB75



665D5C



A61700



260500

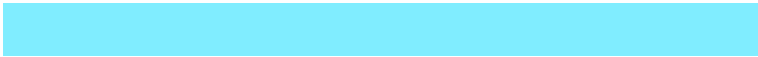


# Inverse Universe

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



75BECA



80EDFF



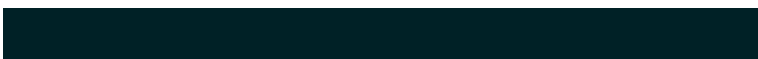
7594CA



5C6566



008EA6



002126



# Previews

## White Background



This preview shows how the Hex color CA8175 looks on a white background.

## Color Contrast Check

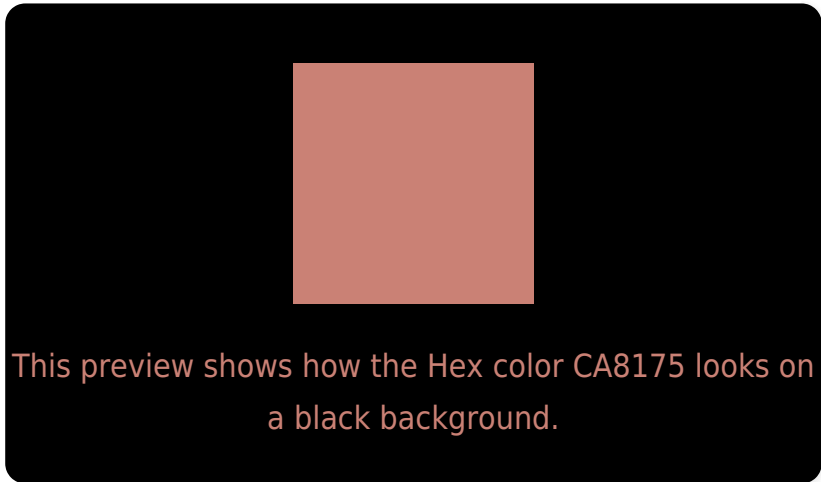
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA8175 Background



This preview shows how black text looks on a background with the Hex color CA8175.

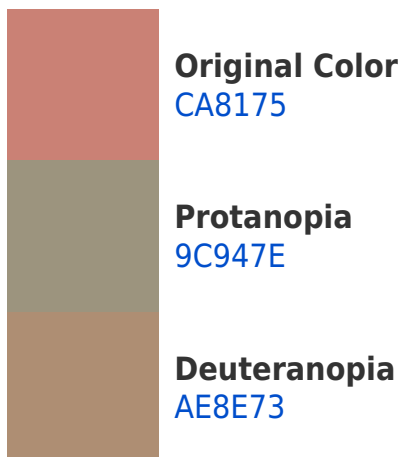


This preview shows how white text looks on a background with the Hex color CA8175.

# Color Blindness Simulation

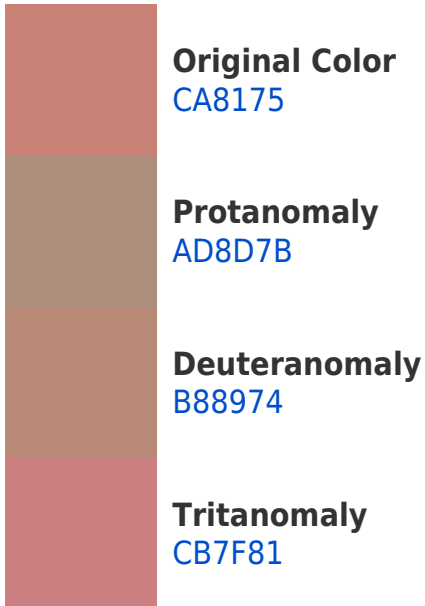
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

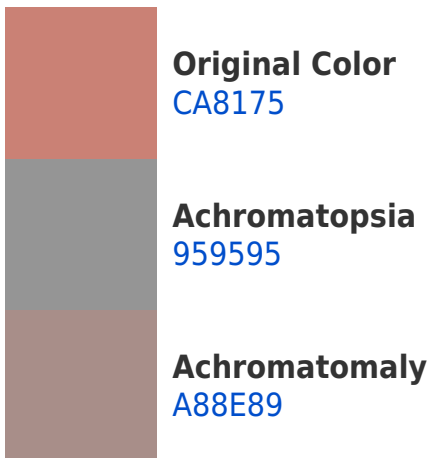




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8175 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 #CA8175 looks like.

```
.text, #text, p{  
    color:#CA8175  
}
```

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 #CA8175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8175  
}
```

## Border

The CSS property to change the border of an element to Hex CA8175 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  
#CA8175 }
```

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

```
.border{ border-color:#CA8175 }
```

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

Here you see how a box with a 4 pixel #CA8175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8175; -webkit-box-shadow:4px 4px  
4px 4px #CA8175; box-shadow:4px 4px 4px  
4px #CA8175 }
```

# Background

The CSS property to change the background color of an element to Hex CA8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8175 }
```

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

```
.background{ background-color:#CA8175 }
```

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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