

# Converting Colors

Hex(CCA170)

Have a look what the booklet for  
Hex(CCA170) contains.

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# **Color**

**Hex(CCA170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCA170
RGB	204, 161, 112
RGB Percent	80%, 63%, 44%
CMY	0.2000, 0.3686, 0.5608
CMYK	0.00, 0.21, 0.45, 0.20
HSL	32°, 47%, 62%
HSV	32°, 45%, 80%
XYZ	40.5713, 39.4970, 20.8146
YIQ	168.2710, 41.3570, -6.1230

# Conversions

## Conversions Part 2

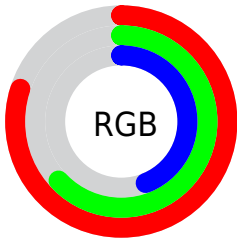
Format	Color
<a href="#">RYB</a>	<a href="#">193, 204, 112</a>
Decimal	<a href="#">13410672</a>
CIELab	<a href="#">69.11, 9.62, 31.53</a>
CIElCh	<a href="#">69, 32.963, 73.036</a>
Yxy	<a href="#">39.4970, 0.4022, 0.3915</a>
Android (android.graphics.Color)	<a href="#">4291600752</a> ( <a href="#">0xFFCCA170</a> )
YUV	<a href="#">168.2710, -27.7416, 31.3343</a>
Hunter-Lab	<a href="#">62.8466, 5.2511, 24.3560</a>

# Details

The Hex color **CCA170** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **709BCC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD8A4**, and **946E3F** is the 20% darker color. If you saturate the color by 10%, you get **CC975C**, and if you desaturate by 10%, it is **CCAB84**.

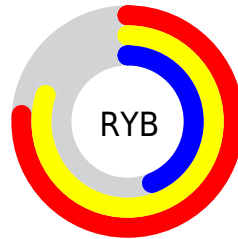
# Distribution



Red (80%)

Green (63%)

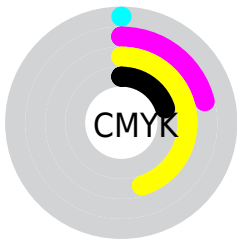
Blue (44%)



Red (76%)

Yellow (80%)

Blue (44%)

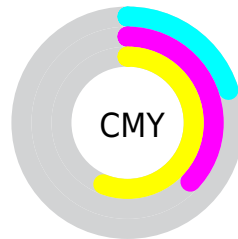


Cyan (0%)

Magenta (21%)

Yellow (45%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA170 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 CCA170 by changing the saturation by 10% instead.



 CCA170

 CCA170

FFFFFF

 B08757

 FFD8A4

 946E3F

 FFF4C0

 795528

 FFFFDC

 5E3E12

 FFFFF8

 452800

 2C1400

 0E0000

 000000

 CCA170

 CCA170

 CC975C

 CCAB84

 CC8E47

 CCB499

 CC8433

 CCBEAD

 CC7B1E

 CCC7C2

 CC710A

 CCD1D6

 CC6D00

 CCDAEA

 CCE4FF

 CCEDFF

 CCF7FF

# Harmonies

## Analogous

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



DF9781



CCA170



B0AB6E

# Triad

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



CCA170



4AB9B5



BD9CD4

# Complementary

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



CCA170



709BCC

# 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.



94A7E3



CCA170



43B7D0

# Square

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



CCA170



6BB896



66B1E1



D994BB

# Rectangle

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



CCA170



9AB176



66B1E1



B1A0DB

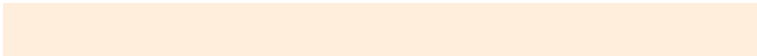


# Sweetspot

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



CCA170



FFEEDB



CC709C



80756A



000000



808080



# Same Dimension

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



CCA170



FFBF75



CACC70



66615C



A65800



261400

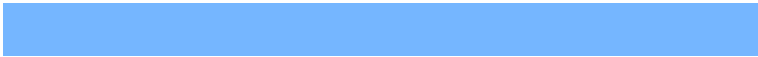


# Inverse Universe

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



709BCC



75B6FF



7270CC



5C6166



004DA6

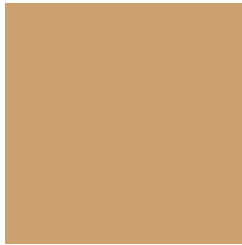


001226



# Previews

## White Background



This preview shows how the Hex color CCA170 looks on a white background.

## Color Contrast Check

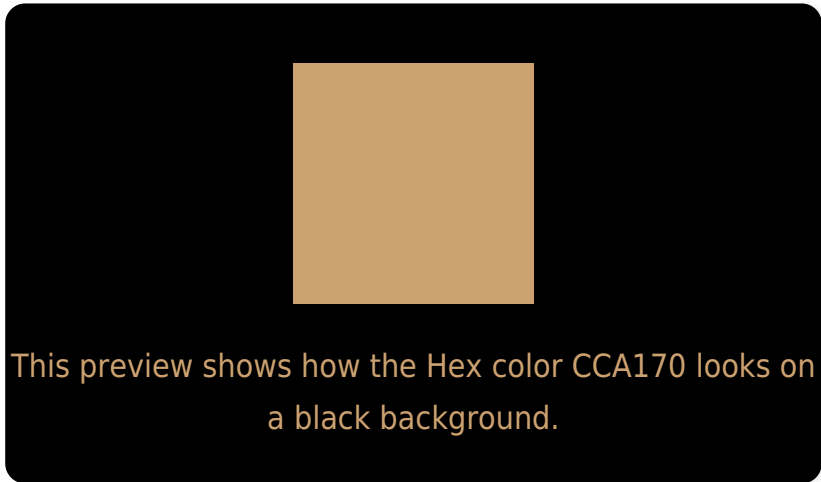
Large Text (above 18pt) WCAG AA × Fail

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 CCA170 Background



This preview shows how black text looks on a background with the Hex color CCA170.

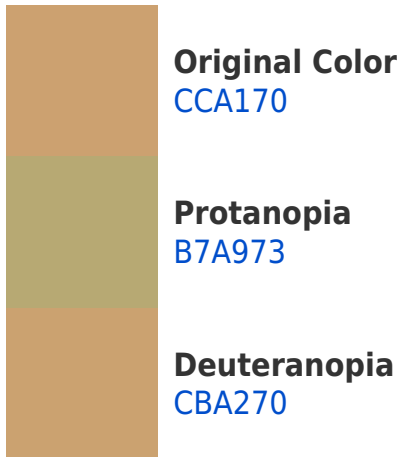



This preview shows how white text looks on a background with the Hex color CCA170.

# 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](#).

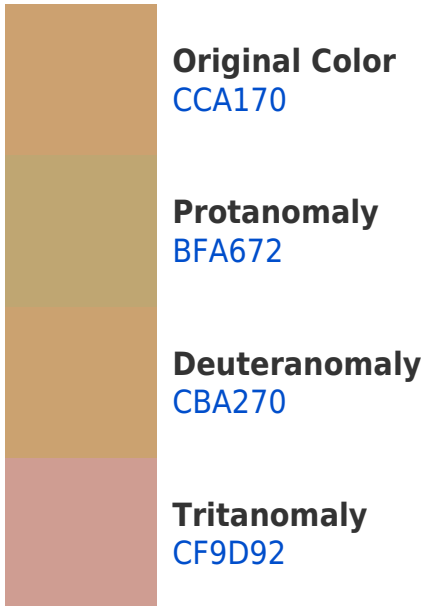
## Dichromacy



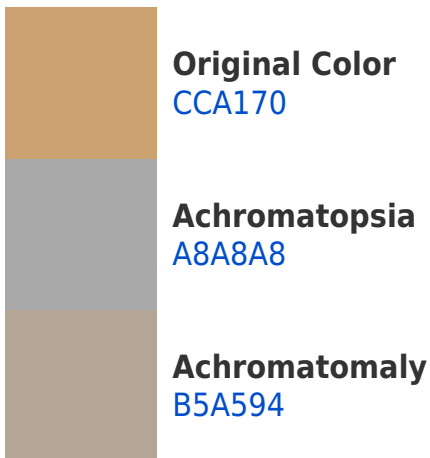


**Tritanopia**  
D19AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA170 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 #CCA170 looks like.

```
.text, #text, p{  
    color:#CCA170  
}
```

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 #CCA170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA170
}
```

## Border

The CSS property to change the border of an element to Hex CCA170 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
#CCA170 }
```

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

```
.border{ border-color:#CCA170 }
```

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

Here you see how a box with a 4 pixel #CCA170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA170; -webkit-box-shadow:4px 4px  
4px 4px #CCA170; box-shadow:4px 4px 4px  
4px #CCA170 }
```

# Background

The CSS property to change the background color of an element to Hex CCA170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA170 }
```

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

```
.background{ background-color:#CCA170 }
```

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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