

Converting Colors

Hex(CCA168)

Have a look what the booklet for
Hex(CCA168) contains.

Hex(CCA168)	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(CCA168)

Conversions

Conversions Part 1

Format	Color
Hex	CCA168
RGB	204, 161, 104
RGB Percent	80%, 63%, 41%
CMY	0.2000, 0.3686, 0.5922
CMYK	0.00, 0.21, 0.49, 0.20
HSL	34°, 50%, 60%
HSV	34°, 49%, 80%
XYZ	40.1454, 39.3266, 18.5716
YIQ	167.3590, 43.9250, -8.6110

Conversions

Conversions Part 2

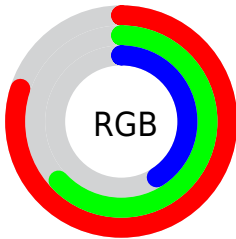
Format	Color
R_{YB}	179, 204, 104
Decimal	13410664
CIE _{Lab}	68.99, 8.82, 35.61
CIE _{LCh}	69, 36.691, 76.084
Yxy	39.3266, 0.4095, 0.4011
Android (android.graphics.Color)	4291600744 (0xFFCCA168)
YUV	167.3590, -31.2360, 32.1342
Hunter-Lab	62.7109, 4.5256, 26.3391

Details

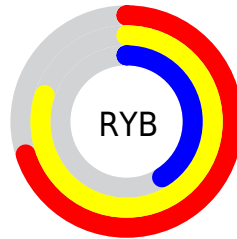
The Hex color **CCA168** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6893CC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD89C**, and **936E37** is the 20% darker color. If you saturate the color by 10%, you get **CC9854**, and if you desaturate by 10%, it is **CCAA7C**.

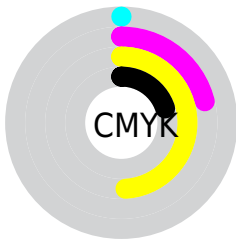
Distribution



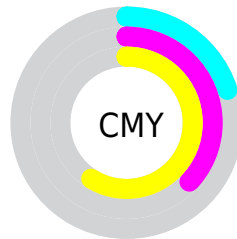
- Red (80%)
- Green (63%)
- Blue (41%)



- Red (70%)
- Yellow (80%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA168 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 CCA168 by changing the saturation by 10% instead.

 CCA168

 CCA168

FFFFFF

 AF874F

 FFD89C

 936E37

 FFF4B7

 785520

 FFFFD3

 5D3E07

 FFFFF0

 442800

 2A1400

 0C0000

 000000

 CCA168

 CCA168

 CC9854

 CCAA7C

 CC8F3F

 CCB391

 CC872B

 CCBBA5

 CC7E16

 CCC4BA

 CC7502

 CCCDCE

 CC7400

 CCD6E2

 CCDEF7

 CCE7FF

 CCF0FF

Harmonies

Analogous

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



E2967A



CCA168



ACAC68

Triad

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



CCA168



2FBABA



C399D7

Complementary

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



CCA168



6893CC

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.



96A5E8



CCA168



27B7D7

Square

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



CCA168



5DB997



5EB0E8



DF90B9

Rectangle

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



CCA168



94B272



5EB0E8



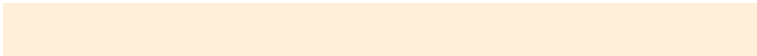
B59DDE

Sweetspot

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



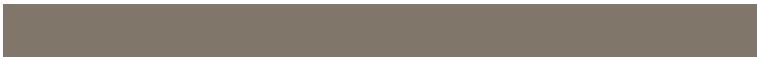
CCA168



FFEFD9



CC6893



807669



000000



808080

Same Dimension

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



CCA168



FFBE69



C5CC68



66625C



A65E00



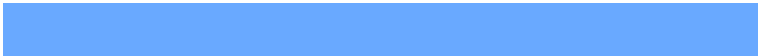
261600

Inverse Universe

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



6893CC



69A9FF



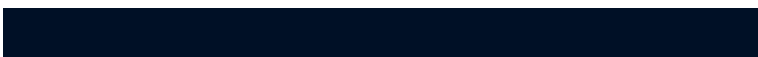
6F68CC



5C6066



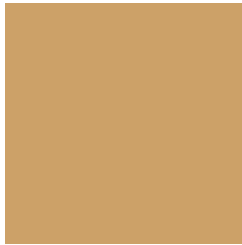
0047A6



001026

Previews

White Background



This preview shows how the Hex color CCA168 looks on a white background.

Color Contrast Check

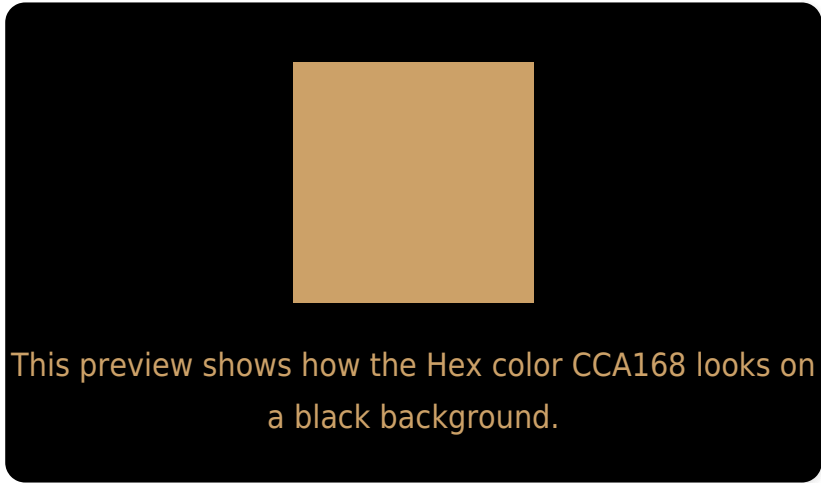
Large Text (above 18pt) WCAG AA × Fail

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

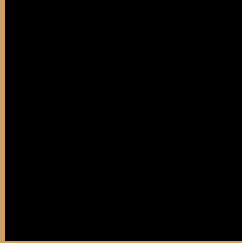
Any Text WCAG AA ✓ Pass

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 CCA168 Background



This preview shows how black text looks on a background with the Hex color CCA168.

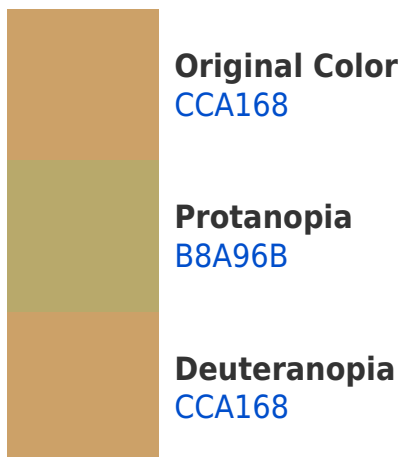


This preview shows how white text looks on a background with the Hex color CCA168.

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](#).

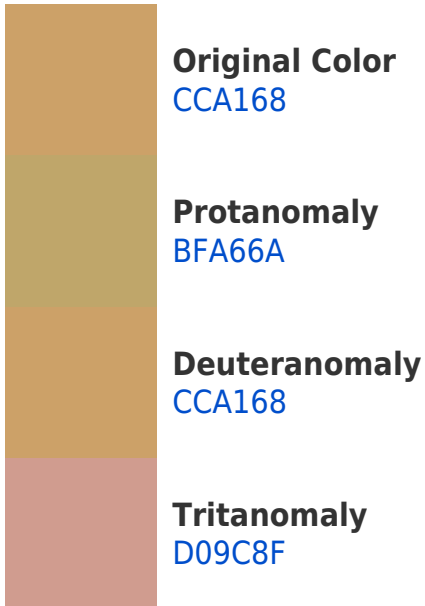
Dichromacy



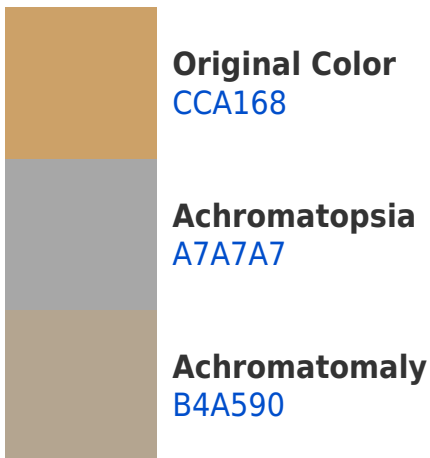


Tritanopia
D299A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA168 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 #CCA168 looks like.

```
.text, #text, p{  
    color:#CCA168  
}
```

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 #CCA168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA168
}
```

Border

The CSS property to change the border of an element to Hex CCA168 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
#CCA168 }
```

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

```
.border{ border-color:#CCA168 }
```

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

Here you see how a box with a 4 pixel #CCA168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA168; -webkit-box-shadow:4px 4px  
4px 4px #CCA168; box-shadow:4px 4px 4px  
4px #CCA168 }
```

Background

The CSS property to change the background color of an element to Hex CCA168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA168 }
```

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

```
.background{ background-color:#CCA168 }
```

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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