

# Converting Colors

Hex(CCAAB5)

Have a look what the booklet for  
Hex(CCAAB5) contains.

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# **Color**

**Hex(CCAAB5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCAAB5
RGB	204, 170, 181
RGB Percent	80%, 67%, 71%
CMY	0.2000, 0.3333, 0.2902
CMYK	0.00, 0.17, 0.11, 0.20
HSL	341°, 25%, 73%
HSV	341°, 17%, 80%
XYZ	47.6171, 44.9230, 49.8774
YIQ	181.4200, 16.7330, 10.6290

# Conversions

## Conversions Part 2

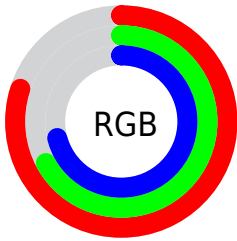
Format	Color
<a href="#">RYB</a>	<a href="#">204, 170, 181</a>
Decimal	<a href="#">13413045</a>
CIELab	<a href="#">72.84, 14.17, -1.00</a>
CIELCh	<a href="#">73, 14.210, 355.966</a>
Yxy	<a href="#">44.9230, 0.3343, 0.3154</a>
Android (android.graphics.Color)	<a href="#">4291603125 (0xFFCCAAB5)</a>
YUV	<a href="#">181.4200, -0.2071, 19.8027</a>
Hunter-Lab	<a href="#">67.0246, 9.5206, 2.7957</a>

# Details

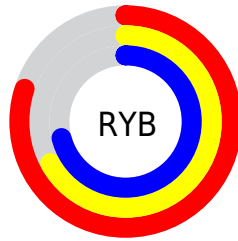
The Hex color **CCAAB5** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AACCC1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE1ED**, and **967680** is the 20% darker color. If you saturate the color by 10%, you get **CC96A7**, and if you desaturate by 10%, it is **CCBEC3**.

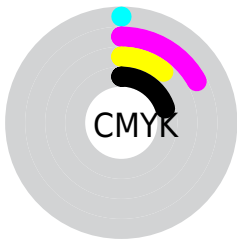
# Distribution



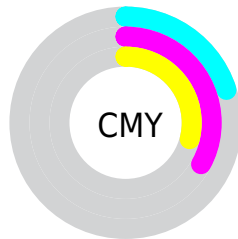
- Red (80%)
- Green (67%)
- Blue (71%)



- Red (80%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCAAB5 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 CCAAB5 by changing the saturation by 10% instead.



■ CCAAB5

■ CCAAB5

FFFFFF

■ B08F9A

■ FFE1ED

■ 967680

FFFEFF

■ 7B5D67

■ 62454F

■ 4A2F38

■ 331923

■ 1F000D

■ 000000

■ CCAAB5

■ CCAAB5

 CC96A7

 CCBEC3

 CC8199

 CCD3D1

 CC6D8C

 CCE7DE

 CC587E

 CCFCEC

 CC4470

 CCFFFA

 CC3062

 CCFFFF

 CC1B54

 CC0747

 CC0042

# Harmonies

## Analogous

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



C2ACC1



CCAAB5



CFAAA8

# Triad

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



CCAAB5



B1B59B



96B8C8

# Complementary

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



CCAAB5



AACCC1

# 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.



91BABE



CCAAB5



A2B9A4

# Square

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



CCAAB5



BFB199



96BAB0



A3B4CC

# Rectangle

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



CCAAB5



CCACA1



96BAB0



93B9C5

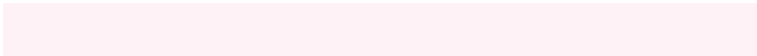


# Sweetspot

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



CCAAB5



FFF2F6



C1AACC



80787A



000000



808080



# Same Dimension

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



CCAAB5



FFCCDD



CCB0AA



665C5F



A60036



26000C



# Inverse Universe

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



CCAAB5



FFCCDD



AAC6CC



665C5F



A60036

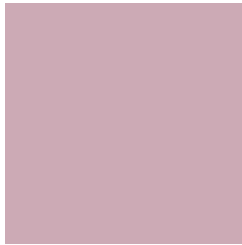


26000C



# Previews

## White Background



This preview shows how the Hex color CCAAB5 looks on a white background.

## Color Contrast Check

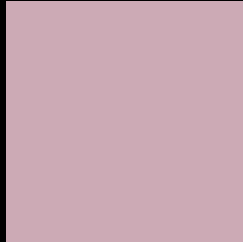
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CCAAB5 looks on a 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 CCAAB5 Background



This preview shows how black text looks on a background with the Hex color CCAAB5.



This preview shows how white text looks on a background with the Hex color CCAAB5.

# 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**  
CCAAB5

**Protanopia**  
B4B2BA

**Deuteranopia**  
C3ADB4



# Trichromacy



**Original Color**  
CCAAB5

**Protanomaly**  
BDAFB8

**Deuteranomaly**  
C6ACB4

**Tritanomaly**  
CCAAB6

# Monochromacy



**Original Color**  
CCAAB5

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
BDB1B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCAAB5 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 #CCAAB5 looks like.

```
.text, #text, p{  
    color:#CCAAB5  
}
```

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 #CCAAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAAB5  
}
```

## Border

The CSS property to change the border of an element to Hex CCAAB5 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  
#CCAAB5 }
```

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

```
.border{ border-color:#CCAAB5 }
```

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

Here you see how a box with a 4 pixel #CCAAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAAB5; -webkit-box-shadow:4px 4px  
4px 4px #CCAAB5; box-shadow:4px 4px 4px  
4px #CCAAB5 }
```

# Background

The CSS property to change the background color of an element to Hex CCAAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAAB5 }
```

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

```
.background{ background-color:#CCAAB5 }
```

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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