

# Converting Colors

Hex(C3B6A5)

Have a look what the booklet for  
Hex(C3B6A5) contains.

<b>Hex(C3B6A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C3B6A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3B6A5
RGB	195, 182, 165
RGB Percent	76%, 71%, 65%
CMY	0.2353, 0.2863, 0.3529
CMYK	0.00, 0.07, 0.15, 0.24
HSL	34°, 20%, 71%
HSV	34°, 15%, 76%
XYZ	46.0252, 47.7746, 42.3929
YIQ	183.9490, 13.2050, -2.5310

# Conversions

## Conversions Part 2

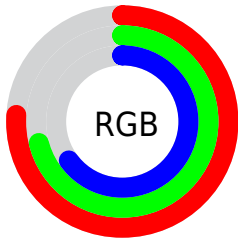
Format	Color
<a href="#">RYB</a>	<a href="#">188, 195, 165</a>
Decimal	<a href="#">12826277</a>
CIELab	<a href="#">74.68, 1.76, 10.31</a>
CIELCh	<a href="#">75, 10.458, 80.301</a>
Yxy	<a href="#">47.7746, 0.3379, 0.3508</a>
Android (android.graphics.Color)	<a href="#">4291016357 (0xFFC3B6A5)</a>
YUV	<a href="#">183.9490, -9.3419, 9.6917</a>
Hunter-Lab	<a href="#">69.1192, -2.0988, 12.0190</a>

# Details

The Hex color **C3B6A5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A5B2C3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FCEEDC**, and **8D8171** is the 20% darker color. If you saturate the color by 10%, you get **C3AE92**, and if you desaturate by 10%, it is **C3BEB9**.

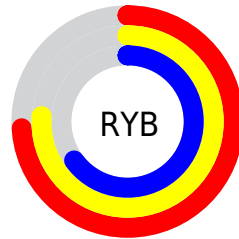
# Distribution



Red (76%)

Green (71%)

Blue (65%)



Red (74%)

Yellow (76%)

Blue (65%)

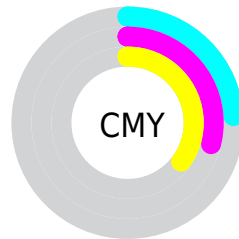


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3B6A5 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 C3B6A5 by changing the saturation by 10% instead.





C3B6A5



C3B6A5

FFFFFF



A89B8B



FCEEDC



8D8171



FFFFF9



736859



5B5041



43392B



2C2417



180E00



000000



C3B6A5



C3B6A5

 C3AE92

 C3BEB9

 C3A57E

 C3C7CC

 C39D6B

 C3CFE0

 C39457

 C3D8F3

 C38C44

 C3E0FF

 C38330

 C3E9FF

 C37B1D

 C3F1FF

 C37209

 C3FAFF

 C36F00

 C3FFFF

# Harmonies

## Analogous

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



CAB3A9



C3B6A5



B9B9A6

# Triad

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



C3B6A5



A0DBDE



C1B3C4

# Complementary

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



C3B6A5



A5B2C3

# 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.



B6B6CA



C3B6A5



A2BCC6

# Square

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



C3B6A5



A4BDB4



AABACA



CAB2BB

# Rectangle

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



C3B6A5



B1BBA9



AABACA



BEB4C6

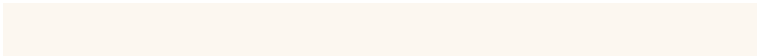


# Sweetspot

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



C3B6A5



FCF7F0



C3A5B2



807C78



000000



808080

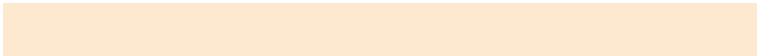


# Same Dimension

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



C3B6A5



FCE9CF



C1C3A5



615D57



A15B00



211300

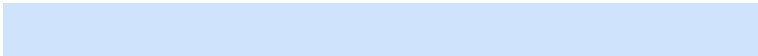


# Inverse Universe

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



A5B2C3



CFE3FC



A7A5C3



575B61



0046A1

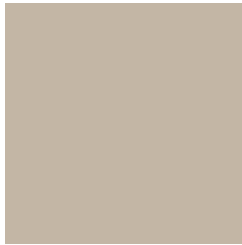


000E21



# Previews

## White Background



This preview shows how the Hex color C3B6A5 looks on a white background.

## Color Contrast Check

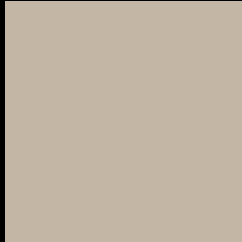
Large Text (above 18pt) WCAG AA × Fail

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 C3B6A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

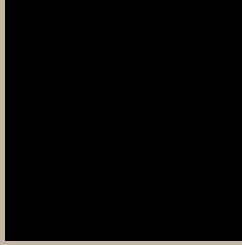
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3B6A5 Background



This preview shows how black text looks on a background with the Hex color C3B6A5.



This preview shows how white text looks on a background with the Hex color C3B6A5.

# 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**  
C3B6A5

**Protanopia**  
BFB7A6

**Deuteranopia**  
D0B1A6



**Tritanopia**  
C7B2C0

# Trichromacy



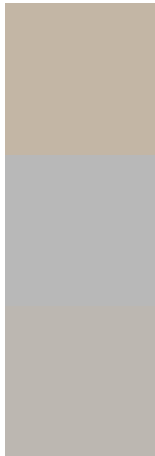
**Original Color**  
C3B6A5

**Protanomaly**  
C0B7A6

**Deuteranomaly**  
CBB3A6

**Tritanomaly**  
C6B3B6

# Monochromacy



**Original Color**  
C3B6A5

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
BCB7B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3B6A5 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 #C3B6A5 looks like.

```
.text, #text, p{  
    color:#C3B6A5  
}
```

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 #C3B6A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B6A5
}
```

## Border

The CSS property to change the border of an element to Hex C3B6A5 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
#C3B6A5 }
```

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

```
.border{ border-color:#C3B6A5 }
```

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

Here you see how a box with a 4 pixel #C3B6A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B6A5; -webkit-box-shadow:4px 4px  
4px 4px #C3B6A5; box-shadow:4px 4px 4px  
4px #C3B6A5 }
```

# Background

The CSS property to change the background color of an element to Hex C3B6A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B6A5 }
```

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

```
.background{ background-color:#C3B6A5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor