

Converting Colors

Hex(C3B281)

Have a look what the booklet for
Hex(C3B281) contains.

Hex(C3B281)	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(C3B281)

Conversions

Conversions Part 1

Format	Color
Hex	C3B281
RGB	195, 178, 129
RGB Percent	76%, 70%, 51%
CMY	0.2353, 0.3020, 0.4941
CMYK	0.00, 0.09, 0.34, 0.24
HSL	45°, 35%, 64%
HSV	45°, 34%, 76%
XYZ	42.3885, 45.0279, 27.2260
YIQ	177.4970, 25.8610, -11.6350

Conversions

Conversions Part 2

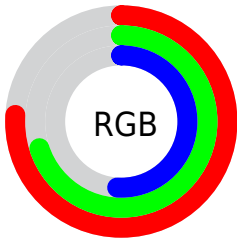
Format	Color
RYB	152, 195, 129
Decimal	12825217
CIELab	72.91, -1.23, 27.29
CIELCh	73, 27.321, 92.570
Yxy	45.0279, 0.3697, 0.3928
Android (android.graphics.Color)	4291015297 (0xFFC3B281)
YUV	177.4970, -23.9090, 15.3501
Hunter-Lab	67.1028, -4.6723, 22.9159

Details

The Hex color **C3B281** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8192C3**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FCEAB6**, and **8C7E4F** is the 20% darker color. If you saturate the color by 10%, you get **C3AD6E**, and if you desaturate by 10%, it is **C3B795**.

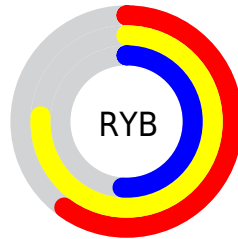
Distribution



Red (76%)

Green (70%)

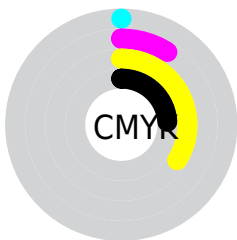
Blue (51%)



Red (60%)

Yellow (76%)

Blue (51%)

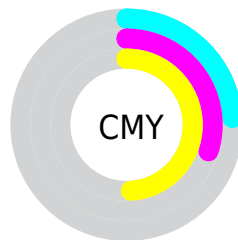


Cyan (0%)

Magenta (9%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3B281 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 C3B281 by changing the saturation by 10% instead.

 C3B281

FFFFFF

 FCEAB6

 FFFFD2

 FFFFEE

 C3B281

 A79768

 8C7E4F

 726538

 594D21

 40360B

 292100

 0D0B00

 000000

 C3B281

 C3B281

 C3AD6E

 C3B795

 C3A85A

 C3BCA8

 C3A347

 C3C1BB

 C39E33

 C3C6CF

 C39920

 C3CBE3

 C3940C

 C3D0F6

 C39100

 C3D5FF

 C3DAFF

 C3DFFF

Harmonies

Analogous

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



D8AA87



C3B281



A8BA88

Triad

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



C3B281



68C0CD



D5A4CA

Complementary

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



C3B281



8192C3

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.



BAACDD



C3B281



76BCDF

Square

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



C3B281



72C1B4



97B5E4



E4A1B2

Rectangle

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



C3B281



95BD94



97B5E4



CDA6D2

Sweetspot

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



C3B281



FCF6E3



C38193



807C70



000000



808080

Same Dimension

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



C3B281



FCE295



B4C381



615E57



A17700



211900

Inverse Universe

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



8192C3



95B0FC



9081C3



575A61



0029A1



000921

Previews

White Background



This preview shows how the Hex color C3B281 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

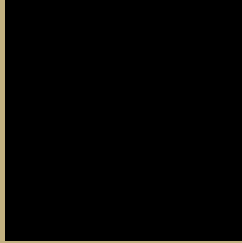
Any Text WCAG AA ✓ Pass

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 C3B281 Background



This preview shows how black text looks on a background with the Hex color C3B281.

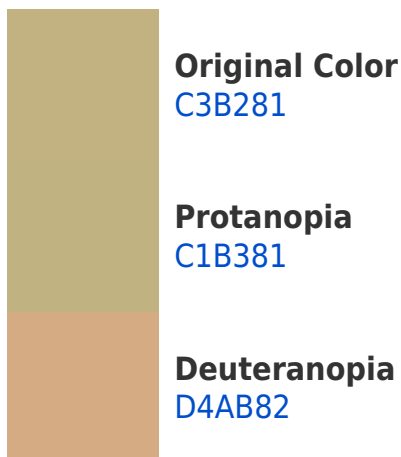


This preview shows how white text looks on a background with the Hex color C3B281.

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
C9ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3B281 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 #C3B281 looks like.

```
.text, #text, p{  
    color:#C3B281  
}
```

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 #C3B281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B281
}
```

Border

The CSS property to change the border of an element to Hex C3B281 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
#C3B281 }
```

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

```
.border{ border-color:#C3B281 }
```

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

Here you see how a box with a 4 pixel #C3B281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B281; -webkit-box-shadow:4px 4px  
4px 4px #C3B281; box-shadow:4px 4px 4px  
4px #C3B281 }
```

Background

The CSS property to change the background color of an element to Hex C3B281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B281 }
```

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

```
.background{ background-color:#C3B281 }
```

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