

Converting Colors

Hex(C3B581)

Have a look what the booklet for
Hex(C3B581) contains.

Hex(C3B581)	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(C3B581)

Conversions

Conversions Part 1

Format	Color
Hex	C3B581
RGB	195, 181, 129
RGB Percent	76%, 71%, 51%
CMY	0.2353, 0.2902, 0.4941
CMYK	0.00, 0.07, 0.34, 0.24
HSL	47°, 35%, 64%
HSV	47°, 34%, 76%
XYZ	42.9920, 46.2348, 27.4272
YIQ	179.2580, 25.0360, -13.2040

Conversions

Conversions Part 2

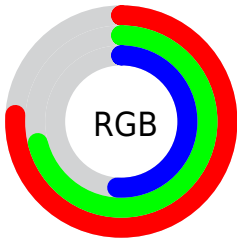
Format	Color
RYB	147, 195, 129
Decimal	12825985
CIELab	73.70, -2.81, 28.34
CIELCh	74, 28.481, 95.672
Yxy	46.2348, 0.3685, 0.3963
Android (android.graphics.Color)	4291016065 (0xFFC3B581)
YUV	179.2580, -24.7772, 13.8057
Hunter-Lab	67.9962, -6.1330, 23.6819

Details

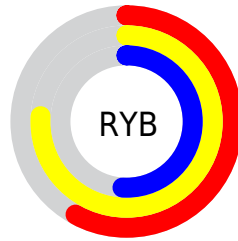
The Hex color **C3B581** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **818FC3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FCEDB6**, and **8C804F** is the 20% darker color. If you saturate the color by 10%, you get **C3B16E**, and if you desaturate by 10%, it is **C3B995**.

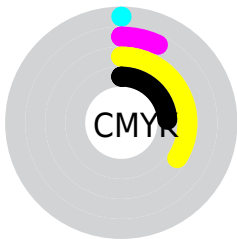
Distribution



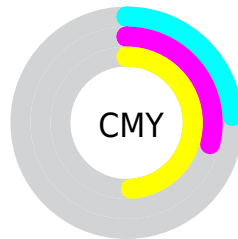
- Red (76%)
- Green (71%)
- Blue (51%)



- Red (58%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3B581 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 C3B581 by changing the saturation by 10% instead.

 C3B581

FFFFFF

 FCEDB6

 FFFFD2

 FFFFEE

 C3B581

 A79A68

 8C804F

 726737

 594F21

 40390A

 292300

 0D0E00

 000000

 C3B581

 C3B581

 C3B16E

 C3B995

 C3AD5A

 C3BDA8

 C3A947

 C3C1BB

 C3A433

 C3C6CF

 C3A020

 C3CAE3

 C39C0C

 C3CEF6

 C39A00

 C3D2FF

 C3D6FF

 C3DAFF

Harmonies

Analogous

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



DAAC86



C3B581



A6BD8A

Triad

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



C3B581



66C2D3



DBA5CB

Complementary

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



C3B581



818FC3

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.



BFADE0



C3B581



78BEE4

Square

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



C3B581



6FC4B9



9BB6E9



E9A2B1

Rectangle

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



C3B581



92C097



9BB6E9



D3A7D3

Sweetspot

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



C3B581



FCF7E3



C3818F



807C70



000000



808080

Same Dimension

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



C3B581



FCE695



B0C381



615F57



A17F00



211A00

Inverse Universe

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



818FC3



95ABFC



9481C3



575961



0022A1



000721

Previews

White Background



This preview shows how the Hex color C3B581 looks on a white background.

Color Contrast Check

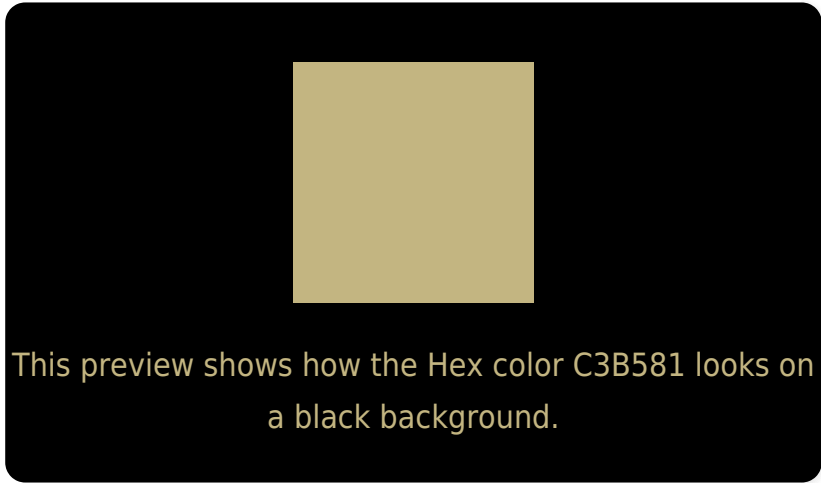
Large Text (above 18pt) WCAG AA × Fail

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

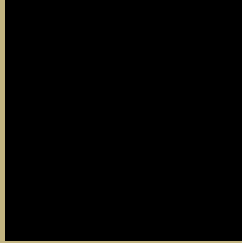
Any Text WCAG AA ✓ Pass

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 C3B581 Background



This preview shows how black text looks on a background with the Hex color C3B581.

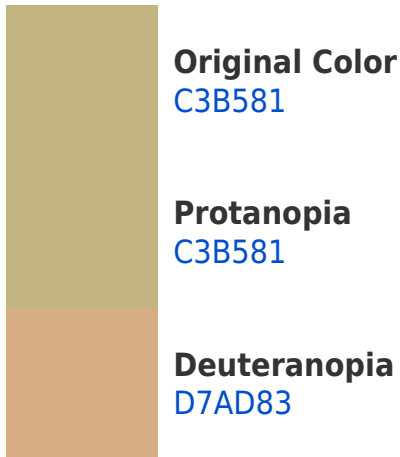


This preview shows how white text looks on a background with the Hex color C3B581.

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](#).

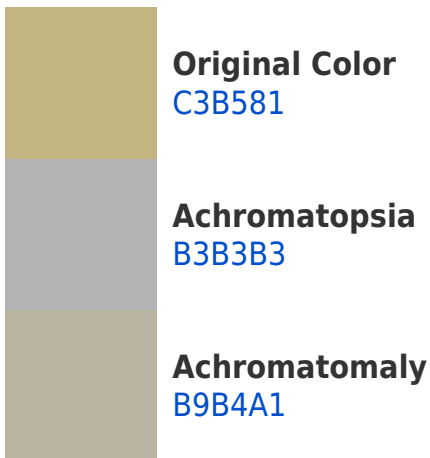
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3B581 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 #C3B581 looks like.

```
.text, #text, p{  
    color:#C3B581  
}
```

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 #C3B581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B581
}
```

Border

The CSS property to change the border of an element to Hex C3B581 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
#C3B581 }
```

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

```
.border{ border-color:#C3B581 }
```

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

Here you see how a box with a 4 pixel #C3B581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B581; -webkit-box-shadow:4px 4px  
4px 4px #C3B581; box-shadow:4px 4px 4px  
4px #C3B581 }
```

Background

The CSS property to change the background color of an element to Hex C3B581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B581 }
```

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

```
.background{ background-color:#C3B581 }
```

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