

Converting Colors

Hex(C5B251)

Have a look what the booklet for
Hex(C5B251) contains.

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Color

Hex(C5B251)

Conversions

Conversions Part 1

Format	Color
Hex	C5B251
RGB	197, 178, 81
RGB Percent	77%, 70%, 32%
CMY	0.2275, 0.3020, 0.6824
CMYK	0.00, 0.10, 0.59, 0.23
HSL	50°, 50%, 55%
HSV	50°, 59%, 77%
XYZ	40.4316, 44.3052, 14.2054
YIQ	172.6230, 42.4610, -26.1390

Conversions

Conversions Part 2

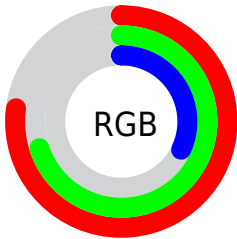
Format	Color
RYB	104, 197, 81
Decimal	12956241
CIELab	72.43, -5.14, 51.03
CIELCh	72, 51.290, 95.746
Yxy	44.3052, 0.4086, 0.4478
Android (android.graphics.Color)	4291146321 (0xFFC5B251)
YUV	172.6230, -45.1701, 21.3786
Hunter-Lab	66.5621, -8.0583, 33.9401

Details

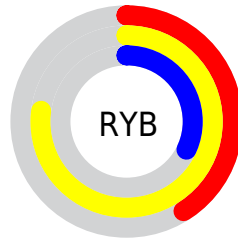
The Hex color **C5B251** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5164C5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE985**, and **8C7E1C** is the 20% darker color. If you saturate the color by 10%, you get **C5AF3D**, and if you desaturate by 10%, it is **C5B565**.

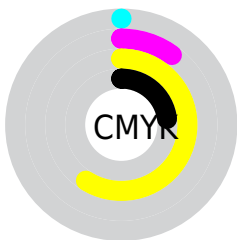
Distribution



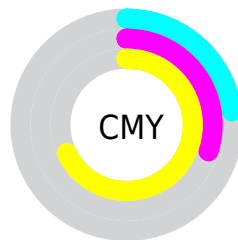
- Red (77%)
- Green (70%)
- Blue (32%)



- Red (41%)
- Yellow (77%)
- Blue (32%)



- Cyan (0%)
- Magenta (10%)
- Yellow (59%)
- Black (23%)



- Cyan (23%)
- Magenta (30%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B251 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 C5B251 by changing the saturation by 10% instead.

 C5B251

 C5B251


FFFFFF

 A89737

 FFE985

 8C7E1C

 FFFFA1

 716500

 FFFFBC

 574D00

 FFFFFD9

 3D3700

 FFFFF6

 242200

 000C00

 000000

 C5B251

 C5B251

 C5AF3D

 C5B565

 C5AC2A

 C5B878

 C5A816

 C5BC8C

 C5A502

 C5BFA0

 C5A500

 C5C2B4

 C5C5C7

 C5C9DB

 C5CCEF

 C5CFFF

Harmonies

Analogous

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



ECA15C



C5B251



94BF63

Triad

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



C5B251



00C8E7



F391D9

Complementary

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



C5B251



5164C5

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.



C1A2FE



C5B251



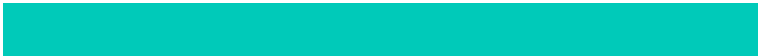
00C1FF

Square

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



C5B251



00CAB9



72B4FF



FF8AAA

Rectangle

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



C5B251



6CC57B



72B4FF



E596E7

Sweetspot

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



C5B251



FFF7D1



C55164



807B63



000000



808080

Same Dimension

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



C5B251



FFE14A



9EC551



63625A



A38800



241E00

Inverse Universe

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



5164C5



4A68FF



7851C5



5A5B63



001BA3



000624

Previews

White Background



This preview shows how the Hex color C5B251 looks on a white background.

Color Contrast Check

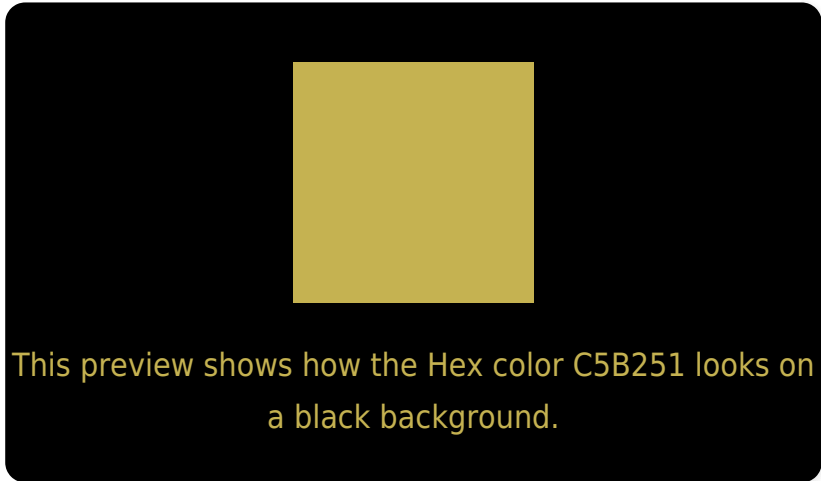
Large Text (above 18pt) WCAG AA × Fail

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 C5B251 Background



This preview shows how black text looks on a background with the Hex color C5B251.



This preview shows how white text looks on a background with the Hex color C5B251.

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
C5B251

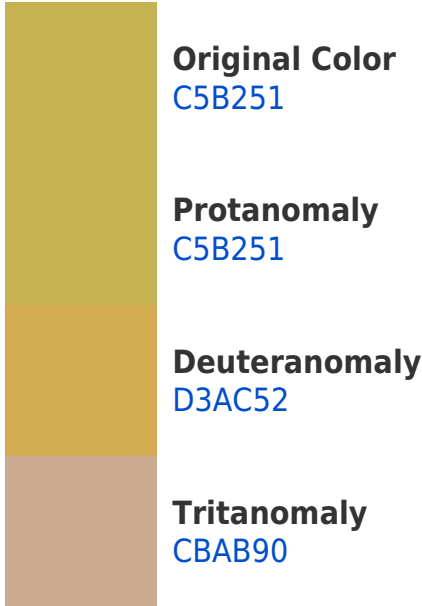
Protanopia
C5B251

Deuteranopia
DBA953



Tritanopia
CEA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B251 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 #C5B251 looks like.

```
.text, #text, p{  
    color:#C5B251  
}
```

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 #C5B251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B251
}
```

Border

The CSS property to change the border of an element to Hex C5B251 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
#C5B251 }
```

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

```
.border{ border-color:#C5B251 }
```

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

Here you see how a box with a 4 pixel #C5B251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B251; -webkit-box-shadow:4px 4px  
4px 4px #C5B251; box-shadow:4px 4px 4px  
4px #C5B251 }
```

Background

The CSS property to change the background color of an element to Hex C5B251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B251 }
```

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

```
.background{ background-color:#C5B251 }
```

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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