

Converting Colors

Hex(C5B16B)

Have a look what the booklet for
Hex(C5B16B) contains.

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Color

Hex(C5B16B)

Conversions

Conversions Part 1

Format	Color
Hex	C5B16B
RGB	197, 177, 107
RGB Percent	77%, 69%, 42%
CMY	0.2275, 0.3059, 0.5804
CMYK	0.00, 0.10, 0.46, 0.23
HSL	47°, 44%, 60%
HSV	47°, 46%, 77%
XYZ	41.4019, 44.3761, 20.2933
YIQ	175.0000, 34.3900, -17.5300

Conversions

Conversions Part 2

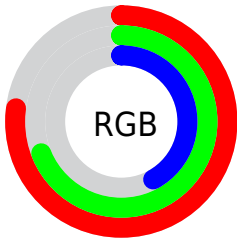
Format	Color
RYB	133, 197, 107
Decimal	12956011
CIELab	72.48, -2.35, 38.31
CIELCh	72, 38.380, 93.517
Yxy	44.3761, 0.3903, 0.4184
Android (android.graphics.Color)	4291146091 (0xFFC5B16B)
YUV	175.0000, -33.5240, 19.2940
Hunter-Lab	66.6154, -5.6380, 28.5691

Details

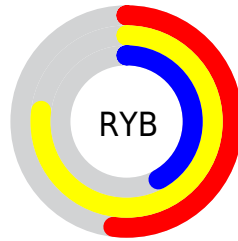
The Hex color **C5B16B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **6B7FC5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE89F**, and **8D7D3A** is the 20% darker color. If you saturate the color by 10%, you get **C5AD57**, and if you desaturate by 10%, it is **C5B57F**.

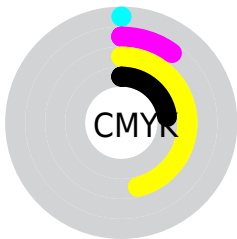
Distribution



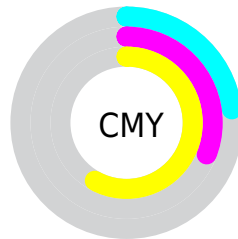
- Red (77%)
- Green (69%)
- Blue (42%)



- Red (52%)
- Yellow (77%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B16B 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 C5B16B by changing the saturation by 10% instead.

 C5B16B

FFFFFF

 FFE89F

 FFFFBB

 FFFFFD7

 FFFFF4

 C5B16B

 A99652

 8D7D3A

 736422

 594C07

 403600

 272100

 080A00

 000000

 C5B16B

 C5B16B

 C5AD57

 C5B57F

 C5A844

 C5BA92

 C5A430

 C5BEA6

 C59F1C

 C5C3BA

 C59B08

 C5C7CE

 C59900

 C5CBE1

 C5D0F5

 C5D4FF

 C5D8FF

Harmonies

Analogous

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



E3A574



C5B16B



A0BB76

Triad

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



C5B16B



1EC3D7



E29CD2

Complementary

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



C5B16B



6B7FC5

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.



BBA7EC



C5B16B



49BEF0

Square

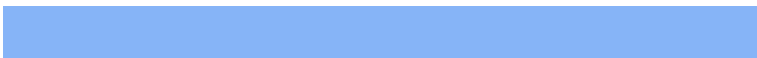
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C5B16B



46C5B5



86B4F7



F596AF

Rectangle

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



C5B16B



84C087



86B4F7



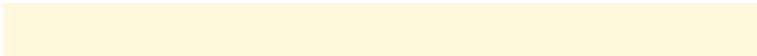
D79FDC

Sweetspot

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



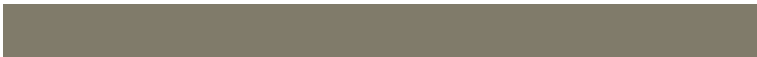
C5B16B



FFF7DB



C56B80



807B6A



000000



808080

Same Dimension

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



C5B16B



FFE073



ADC56B



63615A



A37F00



241C00

Inverse Universe

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



6B7FC5



7392FF



836BC5



5A5C63



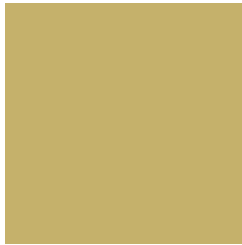
0024A3



000824

Previews

White Background



This preview shows how the Hex color C5B16B looks on a white background.

Color Contrast Check

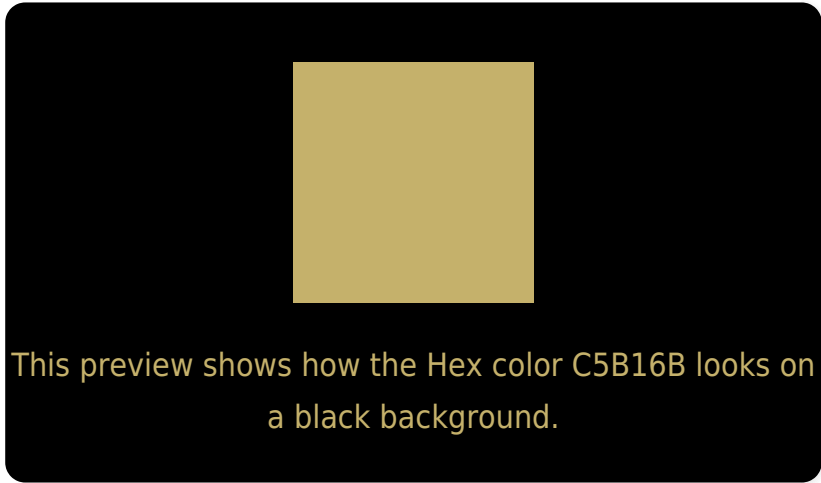
Large Text (above 18pt) WCAG AA × Fail

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

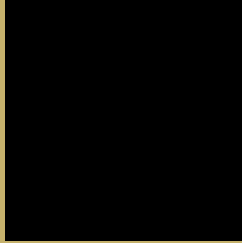
Any Text WCAG AA ✓ Pass

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 C5B16B Background



This preview shows how black text looks on a background with the Hex color C5B16B.

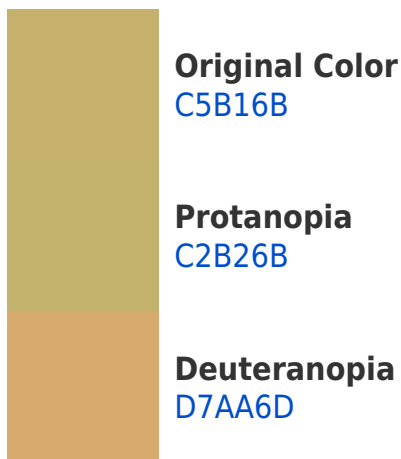


This preview shows how white text looks on a background with the Hex color C5B16B.

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](#).

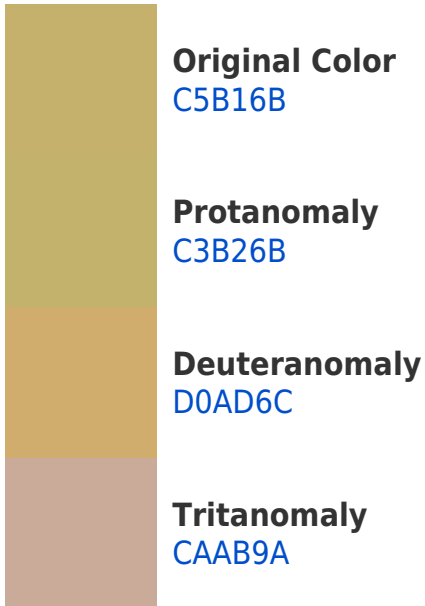
Dichromacy



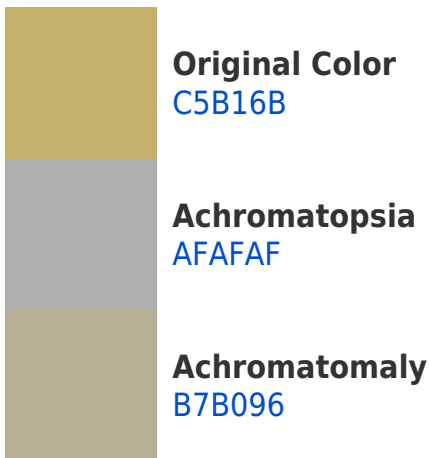


Tritanopia
CDA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B16B 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 #C5B16B looks like.

```
.text, #text, p{  
    color:#C5B16B  
}
```

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 #C5B16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B16B
}
```

Border

The CSS property to change the border of an element to Hex C5B16B 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
#C5B16B }
```

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

```
.border{ border-color:#C5B16B }
```

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

Here you see how a box with a 4 pixel #C5B16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B16B; -webkit-box-shadow:4px 4px  
4px 4px #C5B16B; box-shadow:4px 4px 4px  
4px #C5B16B }
```

Background

The CSS property to change the background color of an element to Hex C5B16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B16B }
```

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

```
.background{ background-color:#C5B16B }
```

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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