

Converting Colors

Hex(C5B400)

Have a look what the booklet for
Hex(C5B400) contains.

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Color

Hex(C5B400)

Conversions

Conversions Part 1

Format	Color
Hex	C5B400
RGB	197, 180, 0
RGB Percent	77%, 71%, 0%
CMY	0.2275, 0.2941, 1.0000
CMYK	0.00, 0.09, 1.00, 0.23
HSL	55°, 100%, 39%
HSV	55°, 100%, 77%
XYZ	39.3472, 44.5128, 6.5180
YIQ	164.5630, 67.9120, -52.3760

Conversions

Conversions Part 2

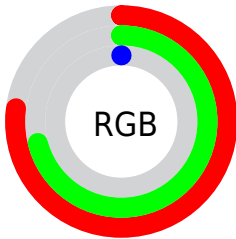
Format	Color
RYB	19, 197, 0
Decimal	12956672
CIELab	72.57, -9.12, 74.47
CIELCh	73, 75.026, 96.984
Yxy	44.5128, 0.4354, 0.4925
Android (android.graphics.Color)	4291146752 (0xFFC5B400)
YUV	164.5630, -81.1296, 28.4472
Hunter-Lab	66.7179, -11.4852, 40.9102

Details

The Hex color **C5B400** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **0011C5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFEB50**, and **8A8000** is the 20% darker color. If you saturate the color by 10%, you get **C5B400**, and if you desaturate by 10%, it is **C5B614**.

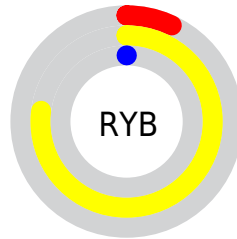
Distribution



Red (77%)

Green (71%)

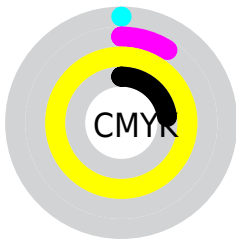
Blue (0%)



Red (7%)

Yellow (77%)

Blue (0%)

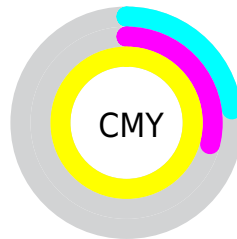


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B400 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 C5B400 by changing the saturation by 10% instead.

 C5B400

 C5B400

FFFFFF

 A79900

 FFE850

 8A8000

 FFFF6D

 6E6700

 FFFF89

 524F00

 FFFFA5

 383900

 FFFFC2

 1F2300

 FFFFDF

 000F00

 FFFFFFFD

 000000

 C5B400

 C5B614

 C5B727

 C5B93B

 C5BB4F

 C5BD63

 C5BE76

 C5C08A

 C5C29E

 C5C3B1

Harmonies

Analogous

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



FE9B2A



C5B400



7CC539

Triad

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



C5B400



00D0FF



FF7AE9

Complementary

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



C5B400



0011C5

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.



C898FF



C5B400



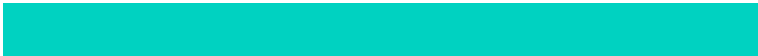
00C7FF

Square

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



C5B400



00D2C1



00B5FF



FF6DA5

Rectangle

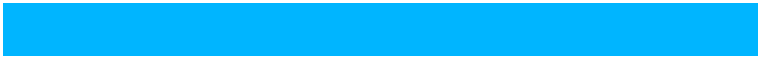
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C5B400



26CC63



00B5FF



FE83FE

Sweetspot

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



C5B400



FFF8B3



C50014



807C52



000000



808080

Same Dimension

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



C5B400



FFE900



76C500



63635A



A39500



242100

Inverse Universe

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



0011C5



0016FF



4F00C5



5A5A63



000EA3



000324

Previews

White Background



This preview shows how the Hex color C5B400 looks on a white background.

Color Contrast Check

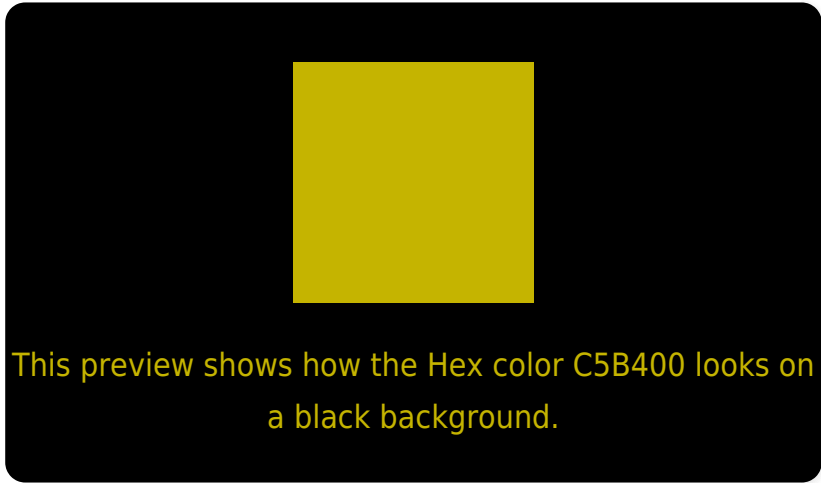
Large Text (above 18pt) WCAG AA × Fail

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 C5B400 Background



This preview shows how black text looks on a background with the Hex color C5B400.

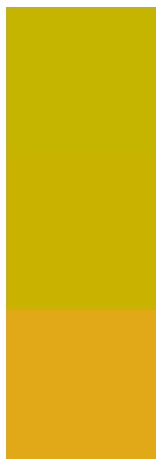


This preview shows how white text looks on a background with the Hex color C5B400.

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
C5B400

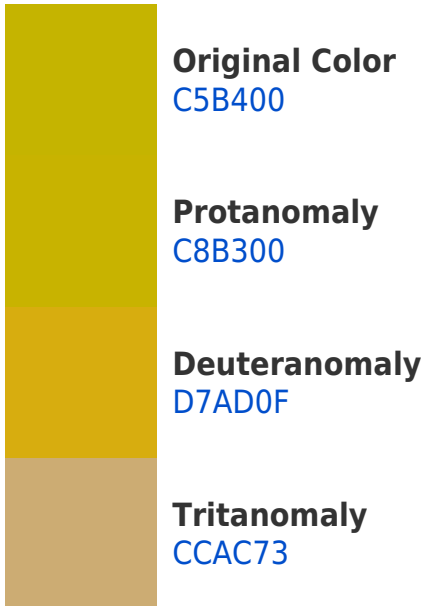
Protanopia
C9B300

Deuteranopia
E1A918

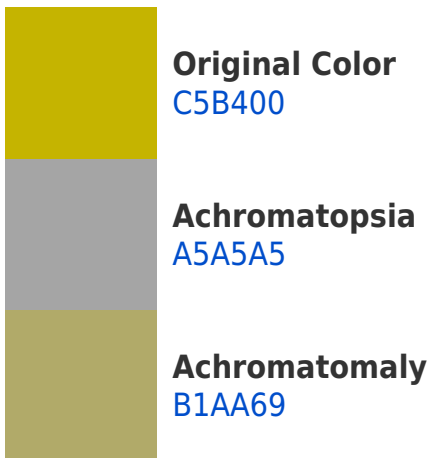


Tritanopia
D0A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B400 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 #C5B400 looks like.

```
.text, #text, p{  
    color:#C5B400  
}
```

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 #C5B400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B400
}
```

Border

The CSS property to change the border of an element to Hex C5B400 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
#C5B400 }
```

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

```
.border{ border-color:#C5B400 }
```

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

Here you see how a box with a 4 pixel #C5B400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B400; -webkit-box-shadow:4px 4px  
4px 4px #C5B400; box-shadow:4px 4px 4px  
4px #C5B400 }
```

Background

The CSS property to change the background color of an element to Hex C5B400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B400 }
```

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

```
.background{ background-color:#C5B400 }
```

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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