

Converting Colors

Hex(CBB400)

Have a look what the booklet for
Hex(CBB400) contains.

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Color

Hex(CBB400)

Conversions

Conversions Part 1

Format	Color
Hex	CBB400
RGB	203, 180, 0
RGB Percent	80%, 71%, 0%
CMY	0.2039, 0.2941, 1.0000
CMYK	0.00, 0.11, 1.00, 0.20
HSL	53°, 100%, 40%
HSV	53°, 100%, 80%
XYZ	40.9499, 45.3390, 6.5930
YIQ	166.3570, 71.4880, -51.1040

Conversions

Conversions Part 2

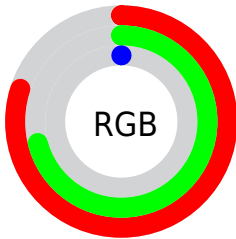
Format	Color
R _Y B	26, 203, 0
Decimal	13349888
CIE Lab	73.11, -6.48, 75.11
CIE LCh	73, 75.388, 94.929
Yxy	45.3390, 0.4409, 0.4881
Android (android.graphics.Color)	4291539968 (0xFFCBB400)
YUV	166.3570, -82.0140, 32.1359
Hunter-Lab	67.3343, -9.2788, 41.3286

Details

The Hex color **CBB400** 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 **0017CB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFEB50**, and **908000** is the 20% darker color. If you saturate the color by 10%, you get **CBB400**, and if you desaturate by 10%, it is **CBB614**.

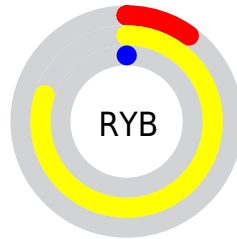
Distribution



Red (80%)

Green (71%)

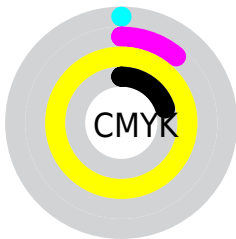
Blue (0%)



Red (10%)

Yellow (80%)

Blue (0%)

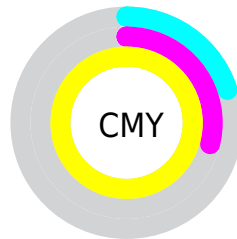


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB400 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 CBB400 by changing the saturation by 10% instead.

 CBB400

 CBB400

FFFFFF

 AD9900

 FFEB50

 908000

 FFFF6D

 746700

 FFFF89

 574F00

 FFFFA6

 3D3900

 FFFFC3

 242400

 FFFFFE0

 010F00

FFFFFFE

 000000

 CBB400

 CBB614

 CBB929

 CBBB3D

 CBBD51

 CBC066

 CBC27A

 CBC48E

 CBC6A2

 CBC9B7

Harmonies

Analogous

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



FF9A2E



CBB400



83C635

Triad

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



CBB400



00D2FF



FF7DEF

Complementary

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



CBB400



0017CB

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.



C39CFF



CBB400



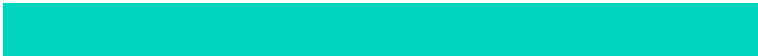
00CAFF

Square

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



CBB400



00D4BD



00B8FF



FF6EAB

Rectangle

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



CBB400



37CD5F



00B8FF



FB87FF

Sweetspot

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



CBB400



FFF6B3



CB0018



807A52



000000



808080

Same Dimension

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



CBB400



FFE200



7DCB00



66655C



A69300



262200

Inverse Universe

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



0017CB



001DFF



4E00CB



5C5D66



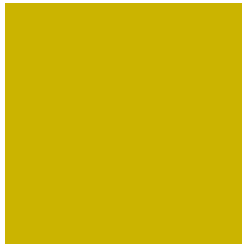
0013A6



000426

Previews

White Background



This preview shows how the Hex color CBB400 looks on a white background.

Color Contrast Check

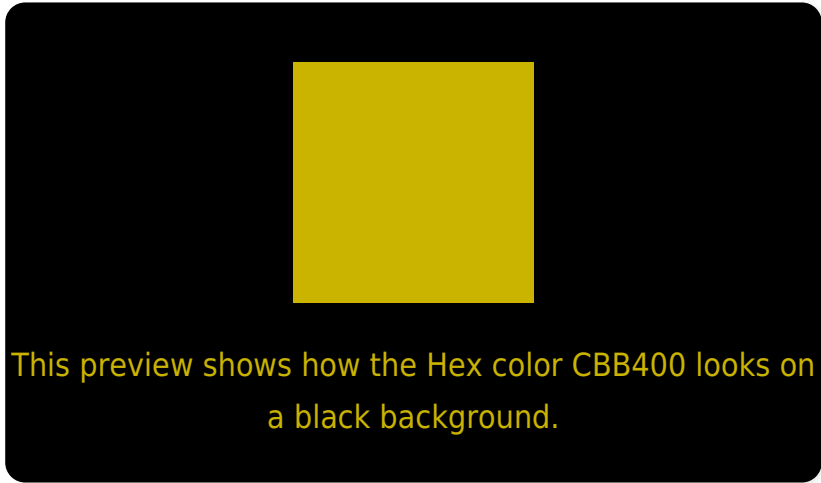
Large Text (above 18pt) WCAG AA × Fail

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 CBB400 Background



This preview shows how black text looks on a background with the Hex color CBB400.



This preview shows how white text looks on a background with the Hex color CBB400.

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
CBB400

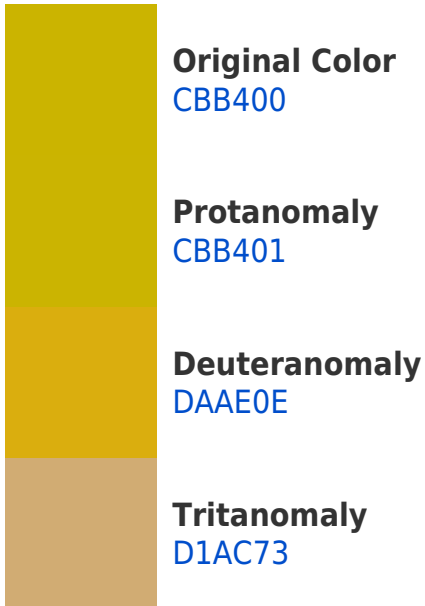
Protanopia
CBB402

Deuteranopia
E3AA16



Tritanopia
D5A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBB400 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 #CBB400 looks like.

```
.text, #text, p{  
    color:#CBB400  
}
```

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 #CBB400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB400
}
```

Border

The CSS property to change the border of an element to Hex CBB400 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
#CBB400 }
```

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

```
.border{ border-color:#CBB400 }
```

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

Here you see how a box with a 4 pixel #CBB400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB400; -webkit-box-shadow:4px 4px  
4px 4px #CBB400; box-shadow:4px 4px 4px  
4px #CBB400 }
```

Background

The CSS property to change the background color of an element to Hex CBB400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB400 }
```

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

```
.background{ background-color:#CBB400 }
```

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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