

Converting Colors

Hex(CBB11A)

Have a look what the booklet for
Hex(CBB11A) contains.

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Color

Hex(CBB11A)

Conversions

Conversions Part 1

Format	Color
Hex	CBB11A
RGB	203, 177, 26
RGB Percent	80%, 69%, 10%
CMY	0.2039, 0.3059, 0.8980
CMYK	0.00, 0.13, 0.87, 0.20
HSL	51°, 77%, 45%
HSV	51°, 87%, 80%
XYZ	40.5372, 44.2154, 7.3752
YIQ	167.5600, 63.9670, -41.4490

Conversions

Conversions Part 2

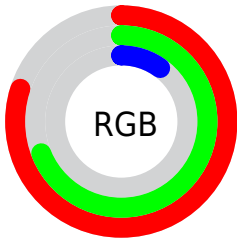
Format	Color
RYB	56, 203, 26
Decimal	13349146
CIELab	72.37, -4.55, 70.84
CIElCh	72, 70.985, 93.675
Yxy	44.2154, 0.4400, 0.4799
Android (android.graphics.Color)	4291539226 (0xFFCBB11A)
YUV	167.5600, -69.7891, 31.0809
Hunter-Lab	66.4946, -7.5465, 39.9702

Details

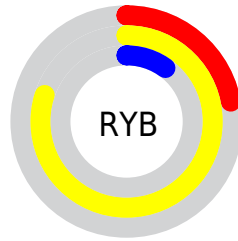
The Hex color **CBB11A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1A34CB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE859**, and **907D00** is the 20% darker color. If you saturate the color by 10%, you get **CBAE06**, and if you desaturate by 10%, it is **CBB42E**.

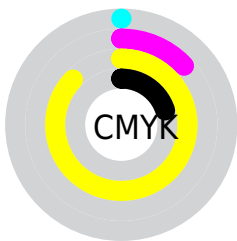
Distribution



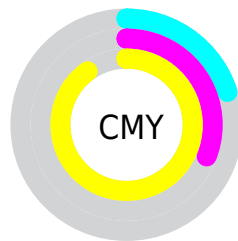
- Red (80%)
- Green (69%)
- Blue (10%)



- Red (22%)
- Yellow (80%)
- Blue (10%)



- Cyan (0%)
- Magenta (13%)
- Yellow (87%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB11A 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 CBB11A by changing the saturation by 10% instead.

 CBB11A

 CBB11A

FFFFFF

 AD9700

 FFE859

 907D00

 FFFF75

 746400

 FFFF91

 584D00

 FFFFAD

 3D3600

 FFFFFCA

 242100

 FFFFFE7

 010C00

 000000

 CBB11A

 CBB11A

 CBAE06

 CBB42E

 CBAD00

 CBB743

 CBBA57

 CBBD6B

 CBC07F

 CBC394

 CBC6A8

 CBC9BC

 CBCCD1

Harmonies

Analogous

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



FF9938



CBB11A



88C23B

Triad

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



CBB11A



00CFF8



FF80EC

Complementary

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



CBB11A



1A34CB

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.



BD9DFF



CBB11A



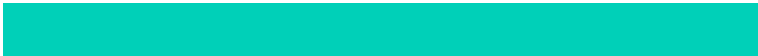
00C7FF

Square

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



CBB11A



00D0B8



00B6FF



FF72AC

Rectangle

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



CBB11A



48C960



00B6FF



F389FF

Sweetspot

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



CBB11A



FFF5BD



CB1A35



807A58



000000



808080

Same Dimension

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



CBB11A



FFDA00



8DCB1A



66655C



A68D00



262100

Inverse Universe

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



1A34CB



0025FF



581ACB



5C5D66



0018A6



000626

Previews

White Background



This preview shows how the Hex color CBB11A looks on a white background.

Color Contrast Check

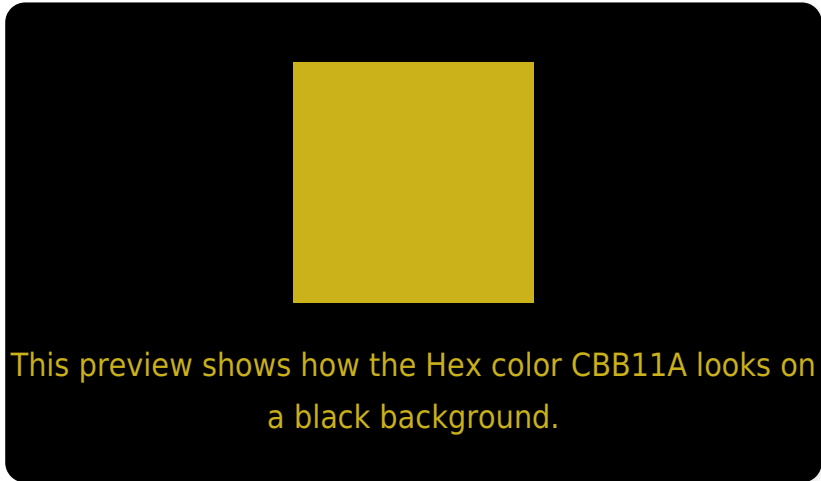
Large Text (above 18pt) WCAG AA × Fail

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 CBB11A Background



This preview shows how black text looks on a background with the Hex color CBB11A.



This preview shows how white text looks on a background with the Hex color CBB11A.

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

CBB11A

Protanopia

C8B21A

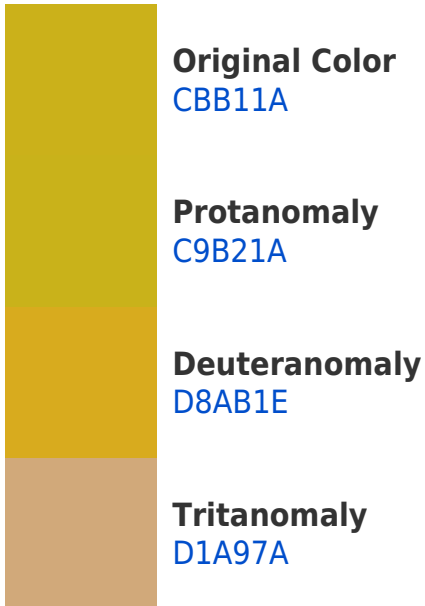
Deuteranopia

E0A821



Tritanopia
D5A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBB11A 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 #CBB11A looks like.

```
.text, #text, p{  
    color:#CBB11A  
}
```

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 #CBB11A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB11A
}
```

Border

The CSS property to change the border of an element to Hex CBB11A 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
#CBB11A }
```

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

```
.border{ border-color:#CBB11A }
```

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

Here you see how a box with a 4 pixel #CBB11A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB11A; -webkit-box-shadow:4px 4px  
4px 4px #CBB11A; box-shadow:4px 4px 4px  
4px #CBB11A }
```

Background

The CSS property to change the background color of an element to Hex CBB11A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB11A }
```

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

```
.background{ background-color:#CBB11A }
```

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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