

Converting Colors

Hex(CBAF2D)

Have a look what the booklet for
Hex(CBAF2D) contains.

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Color

Hex(CBAF2D)

Conversions

Conversions Part 1

Format	Color
Hex	CBAF2D
RGB	203, 175, 45
RGB Percent	80%, 69%, 18%
CMY	0.2039, 0.3137, 0.8235
CMYK	0.00, 0.14, 0.78, 0.20
HSL	49°, 64%, 49%
HSV	49°, 78%, 80%
XYZ	40.4322, 43.5459, 8.7568
YIQ	168.5520, 58.4180, -34.4940

Conversions

Conversions Part 2

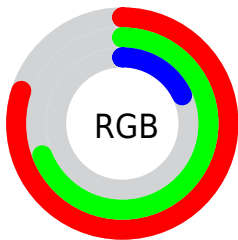
Format	Color
RYB	79, 203, 45
Decimal	13348653
CIELab	71.92, -2.94, 65.26
CIELCh	72, 65.330, 92.582
Yxy	43.5459, 0.4360, 0.4696
Android (android.graphics.Color)	4291538733 (0xFFCBAF2D)
YUV	168.5520, -60.9111, 30.2109
Hunter-Lab	65.9893, -6.1128, 38.3247

Details

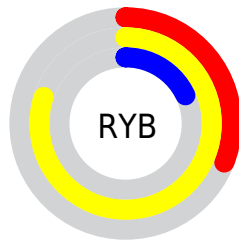
The Hex color **CBAF2D** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2D49CB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE665**, and **917B00** is the 20% darker color. If you saturate the color by 10%, you get **CBAB19**, and if you desaturate by 10%, it is **CBB341**.

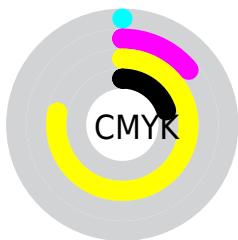
Distribution



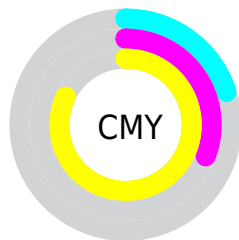
- Red (80%)
- Green (69%)
- Blue (18%)



- Red (31%)
- Yellow (80%)
- Blue (18%)



- Cyan (0%)
- Magenta (14%)
- Yellow (78%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBAF2D 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 CBAF2D by changing the saturation by 10% instead.

 CBAF2D

 CBAF2D

FFFFFF

 AE9504

 FFE665

 917B00

 FFFF81

 746200

 FFFF9D

 594B00

 FFFFFB9

 3E3500

 FFFFFD5

 252000

 FFFFFF3

 030900

 000000

 CBAF2D

 CBAF2D

 CBAB19

 CBB341

 CBA804

 CBB656

 CBA700

 CBBA6A

 CBBD7E

 CBC193

 CBC5A7

 CBC8BB

 CBCCCF

 CBCFE4

Harmonies

Analogous

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



FB9944



CBAF2D



8EBF44

Triad

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



CBAF2D



00CCEF



FD85E8

Complementary

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



CBAF2D



2D49CB

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.



B99EFF



CBAF2D



00C5FF

Square

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



CBAF2D



00CDB4



1CB5FF



FF78AE

Rectangle

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



CBAF2D



58C664



1CB5FF



EA8DFA

Sweetspot

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



CBAF2D



FFF5C4



CB2D4A



80795C



000000



808080

Same Dimension

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



CBAF2D



FFD512



99CB2D



66645C



A68800



261F00

Inverse Universe

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



2D49CB



123CFF



5F2DCB



5C5E66



001DA6



000726

Previews

White Background



This preview shows how the Hex color CBAF2D looks on a white background.

Color Contrast Check

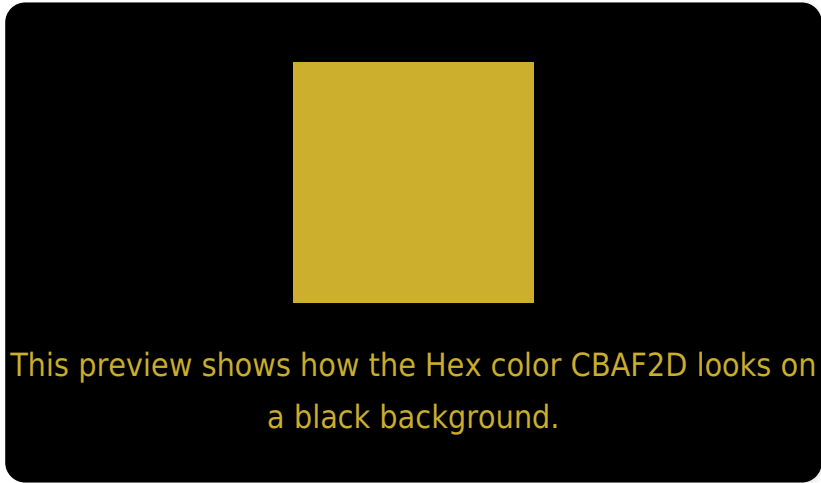
Large Text (above 18pt) WCAG AA × Fail

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 CBAF2D Background



This preview shows how black text looks on a background with the Hex color CBAF2D.

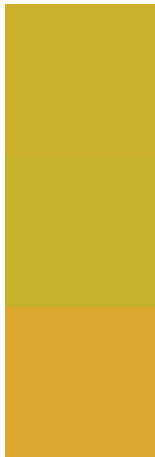


This preview shows how white text looks on a background with the Hex color CBAF2D.

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
CBAF2D

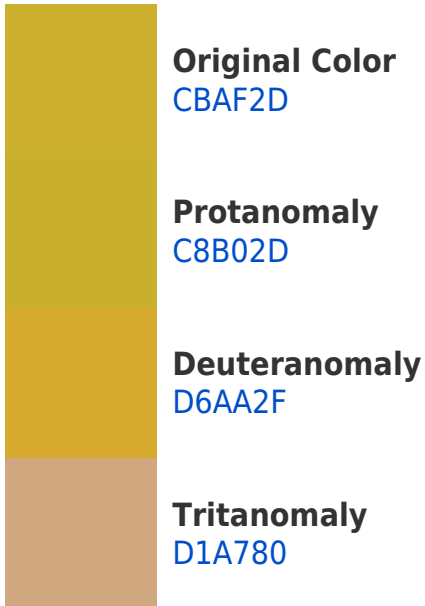
Protanopia
C6B12D

Deuteranopia
DDA730



Tritanopia
D4A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBAF2D 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 #CBAF2D looks like.

```
.text, #text, p{  
    color:#CBAF2D  
}
```

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 #CBAF2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBAF2D
}
```

Border

The CSS property to change the border of an element to Hex CBAF2D 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
#CBAF2D }
```

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

```
.border{ border-color:#CBAF2D }
```

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

Here you see how a box with a 4 pixel #CBAF2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBAF2D; -webkit-box-shadow:4px 4px  
4px 4px #CBAF2D; box-shadow:4px 4px 4px  
4px #CBAF2D }
```

Background

The CSS property to change the background color of an element to Hex CBAF2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBAF2D }
```

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

```
.background{ background-color:#CBAF2D }
```

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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