

# Converting Colors

Hex(CBBA2E)

Have a look what the booklet for  
Hex(CBBA2E) contains.

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# **Color**

**Hex(CBBA2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBBA2E
RGB	203, 186, 46
RGB Percent	80%, 73%, 18%
CMY	0.2039, 0.2706, 0.8196
CMYK	0.00, 0.08, 0.77, 0.20
HSL	54°, 63%, 49%
HSV	54°, 77%, 80%
XYZ	42.6806, 48.0116, 9.6024
YIQ	175.1230, 55.0720, -39.9360

# Conversions

## Conversions Part 2

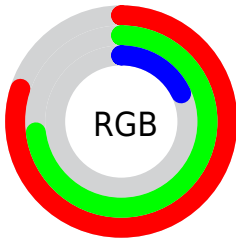
Format	Color
<b>RYB</b>	65, 203, 46
Decimal	13351470
CIELab	74.83, -8.63, 67.58
CIELCh	75, 68.133, 97.280
Yxy	48.0116, 0.4256, 0.4787
Android (android.graphics.Color)	4291541550 (0xFFCBBA2E)
YUV	175.1230, -63.6576, 24.4481
Hunter-Lab	69.2904, -11.3079, 40.2867

# Details

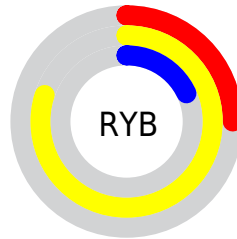
The Hex color **CBBA2E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **2E3FCB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFF267**, and **918500** is the 20% darker color. If you saturate the color by 10%, you get **CBB81A**, and if you desaturate by 10%, it is **CBBC42**.

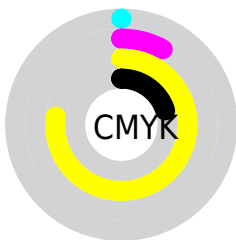
# Distribution



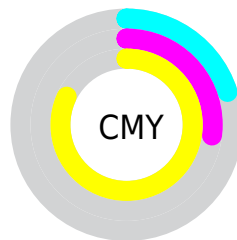
- Red (80%)
- Green (73%)
- Blue (18%)



- Red (25%)
- Yellow (80%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBBA2E 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 CBBA2E by changing the saturation by 10% instead.



 CBBA2E

 CBBA2E

FFFFFF

 AE9F03

 FFF267

 918500

 FFFF83

 756C00

 FFFF9F

 595400

 FFFFBB

 3E3D00

 FFFFD8

 252800

 FFFFF6

 051400

 000000

 CBBA2E

 CBBA2E

 CBB81A

 CBBC42

 CBB605

 CBBE57

 CBB500

 CBC16B

 CBC37F

 CBC593

 CBC7A8

 CBC9BC

 CBCCD0

 CBCEE5

# Harmonies

## Analogous

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



FFA340



CBBA2E



88CA4D

# Triad

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



CBBA2E



00D4FF



FF87EA

# Complementary

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



CBBA2E



2E3FCB

# 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.



CFA1FF



CBBA2E



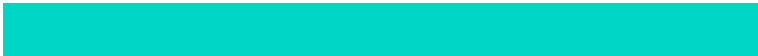
00CCFF

# Square

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



CBBA2E



00D6C6



4EBAFF



FF7DAB

# Rectangle

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



CBBA2E



48D171



4EBAFF



FF8FFD



# Sweetspot

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



CBBA2E



FFF9C4



CB2E40



807C5C



000000



808080



# Same Dimension

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



CBBA2E



FFE512



8FCB2E



66655C



A69400



262200



# Inverse Universe

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



2E3FCB



122CFF



6A2ECB



5C5D66



0012A6



000426



# Previews

## White Background



This preview shows how the Hex color CBBA2E looks on a white background.

## Color Contrast Check

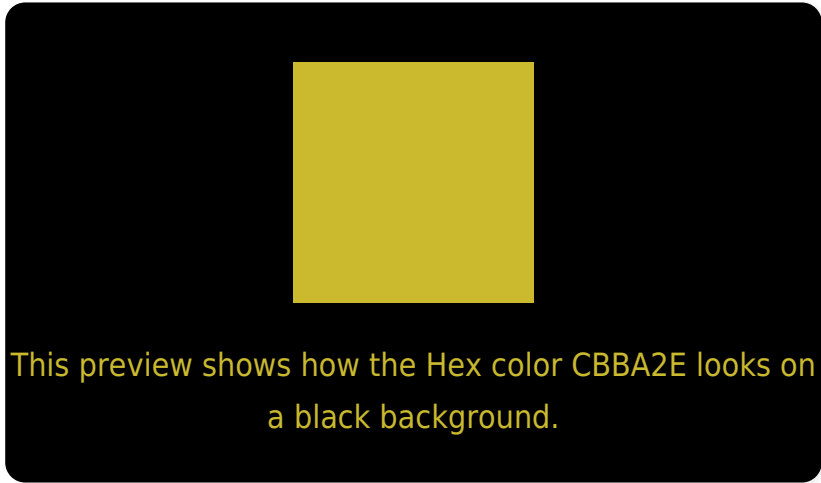
Large Text (above 18pt) WCAG AA × Fail

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 CBBA2E Background



This preview shows how black text looks on a background with the Hex color CBBA2E.

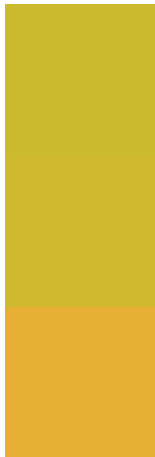


This preview shows how white text looks on a background with the Hex color CBBA2E.

# 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**  
CBBA2E

**Protanopia**  
CFB92E

**Deuteranopia**  
E7AF33



**Tritanopia**  
D6ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBBA2E 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 #CBBA2E looks like.

```
.text, #text, p{  
    color:#CBBA2E  
}
```

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 #CBBA2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBBA2E
}
```

## Border

The CSS property to change the border of an element to Hex CBBA2E 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
#CBBA2E }
```

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

```
.border{ border-color:#CBBA2E }
```

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

Here you see how a box with a 4 pixel #CBBA2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBBA2E; -webkit-box-shadow:4px 4px  
4px 4px #CBBA2E; box-shadow:4px 4px 4px  
4px #CBBA2E }
```

# Background

The CSS property to change the background color of an element to Hex CBBA2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBBA2E }
```

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

```
.background{ background-color:#CBBA2E }
```

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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