

Converting Colors

Hex(C3B60B)

Have a look what the booklet for
Hex(C3B60B) contains.

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Color

Hex(C3B60B)

Conversions

Conversions Part 1

Format	Color
Hex	C3B60B
RGB	195, 182, 11
RGB Percent	76%, 71%, 4%
CMY	0.2353, 0.2863, 0.9569
CMYK	0.00, 0.07, 0.94, 0.24
HSL	56°, 89%, 40%
HSV	56°, 94%, 76%
XYZ	39.2940, 45.0822, 6.9473
YIQ	166.3930, 62.6390, -50.4250

Conversions

Conversions Part 2

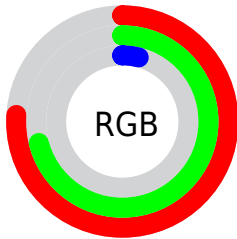
Format	Color
R_{YB}	25, 195, 11
Decimal	12826123
CIE _{Lab}	72.95, -10.91, 73.44
CIE _{LCh}	73, 74.242, 98.451
Yxy	45.0822, 0.4303, 0.4937
Android (android.graphics.Color)	4291016203 (0xFFC3B60B)
YUV	166.3930, -76.6087, 25.0883
Hunter-Lab	67.1433, -13.0377, 40.8655

Details

The Hex color **C3B60B** 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 **0B18C3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFEE53**, and **898200** is the 20% darker color. If you saturate the color by 10%, you get **C3B500**, and if you desaturate by 10%, it is **C3B71E**.

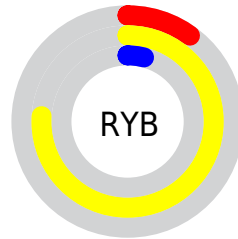
Distribution



Red (76%)

Green (71%)

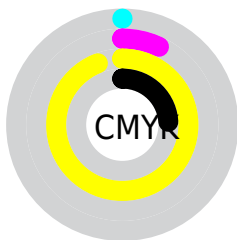
Blue (4%)



Red (10%)

Yellow (76%)

Blue (4%)

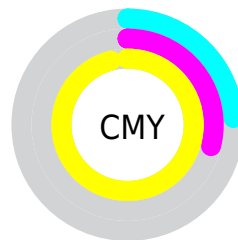


Cyan (0%)

Magenta (7%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3B60B 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 C3B60B by changing the saturation by 10% instead.

 C3B60B

 C3B60B

FFFFFF

 A69B00

 FFEE53

 898200

 FFFF70

 6D6900

 FFFF8C

 515100

 FFFFA9

 363A00

 FFFFC6

 1D2500

 FFFF E3

 001100

 000000

 C3B60B

 C3B60B

 C3B500

 C3B71E

 C3B932

 C3BA45

 C3BC59

 C3BD6D

 C3BE80

 C3C093

 C3C1A7

 C3C2BA

Harmonies

Analogous

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



FC9D2A



C3B60B



7AC73E

Triad

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



C3B60B



00D1FF



FF7BE6

Complementary

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



C3B60B



0B18C3

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.



CE98FF



C3B60B



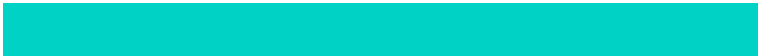
00C8FF

Square

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



C3B60B



00D3C5



2DB5FF



FF6FA3

Rectangle

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



C3B60B



1FCD68



2DB5FF



FF84FB

Sweetspot

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



C3B60B



FCF7B6



C30B1A



807C54



000000



808080

Same Dimension

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



C3B60B



FCEB00



76C30B



616057



A19500



211F00

Inverse Universe

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



0B18C3



0012FC



580BC3



575861



000BA1



000221

Previews

White Background



This preview shows how the Hex color C3B60B looks on a white background.

Color Contrast Check

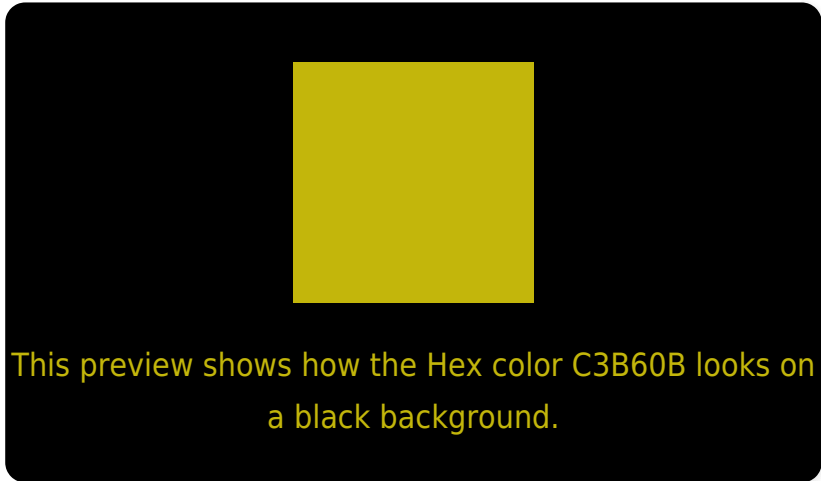
Large Text (above 18pt) WCAG AA × Fail

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 C3B60B Background



This preview shows how black text looks on a background with the Hex color C3B60B.



This preview shows how white text looks on a background with the Hex color C3B60B.

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
C3B60B

Protanopia
CAB409

Deuteranopia
E2AA1B



Tritanopia
CEA9B6

Trichromacy



Original Color
C3B60B

Protanomaly
C7B50A

Deuteranomaly
D7AE15

Tritanomaly
CAAE78

Monochromacy



Original Color
C3B60B

Achromatopsia
A6A6A6

Achromatomaly
B1AC6E

CSS Examples

Text

The CSS property to change the color of the text to Hex C3B60B 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 #C3B60B looks like.

```
.text, #text, p{  
    color:#C3B60B  
}
```

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 #C3B60B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B60B
}
```

Border

The CSS property to change the border of an element to Hex C3B60B 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
#C3B60B }
```

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

```
.border{ border-color:#C3B60B }
```

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

Here you see how a box with a 4 pixel #C3B60B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B60B; -webkit-box-shadow:4px 4px  
4px 4px #C3B60B; box-shadow:4px 4px 4px  
4px #C3B60B }
```

Background

The CSS property to change the background color of an element to Hex C3B60B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B60B }
```

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

```
.background{ background-color:#C3B60B }
```

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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