

Converting Colors

Hex(C5B60C)

Have a look what the booklet for
Hex(C5B60C) contains.

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Color

Hex(C5B60C)

Conversions

Conversions Part 1

Format	Color
Hex	C5B60C
RGB	197, 182, 12
RGB Percent	77%, 71%, 5%
CMY	0.2275, 0.2863, 0.9529
CMYK	0.00, 0.08, 0.94, 0.23
HSL	55°, 89%, 41%
HSV	55°, 94%, 77%
XYZ	39.8203, 45.3528, 7.0030
YIQ	167.1050, 63.5100, -49.6900

Conversions

Conversions Part 2

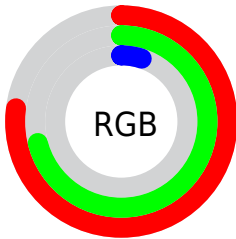
Format	Color
R_{YB}	28, 197, 12
Decimal	12957196
CIE _{Lab}	73.12, -10.02, 73.53
CIE _{LCh}	73, 74.209, 97.761
Yxy	45.3528, 0.4320, 0.4920
Android (android.graphics.Color)	4291147276 (0xFFC5B60C)
YUV	167.1050, -76.4668, 26.2179
Hunter-Lab	67.3445, -12.3071, 40.9757

Details

The Hex color **C5B60C** 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 **0C1BC5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFEE54**, and **8B8200** is the 20% darker color. If you saturate the color by 10%, you get **C5B500**, and if you desaturate by 10%, it is **C5B820**.

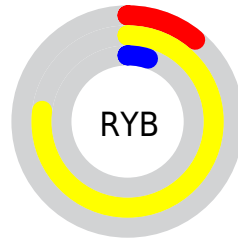
Distribution



Red (77%)

Green (71%)

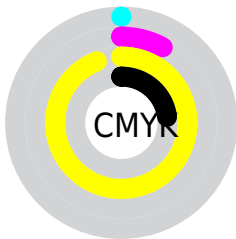
Blue (5%)



Red (11%)

Yellow (77%)

Blue (5%)

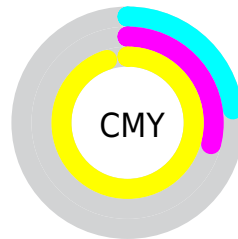


Cyan (0%)

Magenta (8%)

Yellow (94%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B60C 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 C5B60C by changing the saturation by 10% instead.

 C5B60C

 C5B60C

FFFFFF

 A89B00

 FFEE54

 8B8200

 FFFF70

 6F6900

 FFFF8D

 535100

 FFFFA9

 383A00

 FFFFC6

 1F2500

 FFFF E3

 001100

 000000

 C5B60C

 C5B60C

 C5B500

 C5B820

 C5B933

 C5BB47

 C5BC5B

 C5BE6F

 C5C082

 C5C196

 C5C3AA

 C5C4BD

Harmonies

Analogous

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



FE9D2C



C5B60C



7CC73D

Triad

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



C5B60C



00D2FF



FF7CE8

Complementary

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



C5B60C



0C1BC5

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.



CC99FF



C5B60C



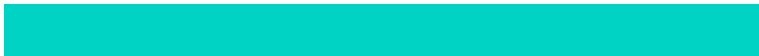
00C8FF

Square

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



C5B60C



00D3C4



22B6FF



FF70A5

Rectangle

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



C5B60C



27CE67



22B6FF



FF85FD

Sweetspot

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



C5B60C



FFF9B8



C50C1B



807C54



000000



808080

Same Dimension

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



C5B60C



FFEA00



78C50C



63635A



A39600



242100

Inverse Universe

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



0C1BC5



0015FF



590CC5



5A5A63



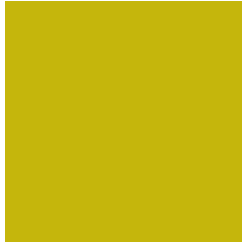
000DA3



000324

Previews

White Background



This preview shows how the Hex color C5B60C looks on a white background.

Color Contrast Check

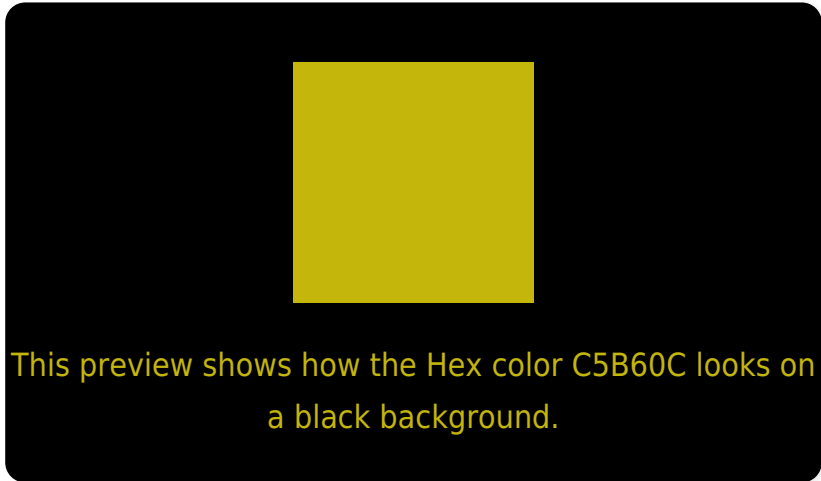
Large Text (above 18pt) WCAG AA × Fail

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 C5B60C Background



This preview shows how black text looks on a background with the Hex color C5B60C.



This preview shows how white text looks on a background with the Hex color C5B60C.

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
C5B60C

Protanopia
CBB40B

Deuteranopia
E3AA1B



Tritanopia
D0A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B60C 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 #C5B60C looks like.

```
.text, #text, p{  
    color:#C5B60C  
}
```

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 #C5B60C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B60C
}
```

Border

The CSS property to change the border of an element to Hex C5B60C 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
#C5B60C }
```

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

```
.border{ border-color:#C5B60C }
```

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

Here you see how a box with a 4 pixel #C5B60C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B60C; -webkit-box-shadow:4px 4px  
4px 4px #C5B60C; box-shadow:4px 4px 4px  
4px #C5B60C }
```

Background

The CSS property to change the background color of an element to Hex C5B60C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B60C }
```

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

```
.background{ background-color:#C5B60C }
```

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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