

# Converting Colors

Hex(C5A30B)

Have a look what the booklet for  
Hex(C5A30B) contains.

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**Color**

**Hex(C5A30B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A30B
RGB	197, 163, 11
RGB Percent	77%, 64%, 4%
CMY	0.2275, 0.3608, 0.9569
CMYK	0.00, 0.17, 0.94, 0.23
HSL	49°, 89%, 41%
HSV	49°, 94%, 77%
XYZ	36.1836, 38.0889, 5.7614
YIQ	155.8380, 69.0560, -40.0640

# Conversions

## Conversions Part 2

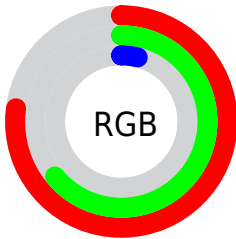
Format	Color
<a href="#">RYB</a>	<a href="#">53, 197, 11</a>
Decimal	<a href="#">12952331</a>
CIELab	<a href="#">68.09, -0.06, 69.89</a>
CIELCh	<a href="#">68, 69.891, 90.051</a>
Yxy	<a href="#">38.0889, 0.4521, 0.4759</a>
Android (android.graphics.Color)	<a href="#">4291142411</a> ( <a href="#">0xFFC5A30B</a> )
YUV	<a href="#">155.8380, -71.4051, 36.0991</a>
Hunter-Lab	<a href="#">61.7162, -3.3506, 37.6664</a>

# Details

The Hex color **C5A30B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0B2DC5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFDA50**, and **8A7000** is the 20% darker color. If you saturate the color by 10%, you get **C5A100**, and if you desaturate by 10%, it is **C5A71F**.

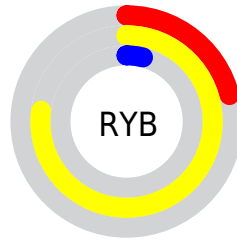
# Distribution



Red (77%)

Green (64%)

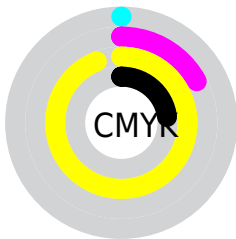
Blue (4%)



Red (21%)

Yellow (77%)

Blue (4%)

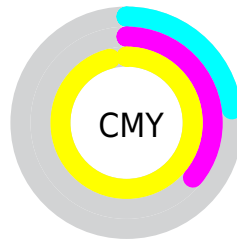


Cyan (0%)

Magenta (17%)

Yellow (94%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A30B 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 C5A30B by changing the saturation by 10% instead.



 C5A30B

 C5A30B

FFFFFF

 A78900

 FFDA50

 8A7000

 FFF66C

 6E5800

 FFFF88

 524100

 FFFFA4

 382B00

 FFFFC0

 1F1700

 FFFFDD

 000000

 FFFFFB

 C5A30B

 C5A30B

 C5A100

 C5A71F

 C5AA32

 C5AE46

 C5B15A

 C5B56E

 C5B981

 C5BC95

 C5C0A9

 C5C3BC

# Harmonies

## Analogous

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



F68A35



C5A30B



86B42B

# Triad

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



C5A30B



00C3E4



F279E6

# Complementary

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



C5A30B



0B2DC5

# 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.



A495FF



C5A30B



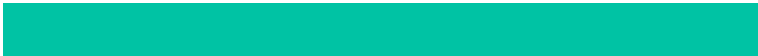
00BCFF

# Square

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



C5A30B



00C3A4



00ADFF



FF67A9

# Rectangle

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



C5A30B



4CBC4F



00ADFF



DD82F8



# Sweetspot

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



C5A30B



FFF2B8



C50B2D



807854



000000



808080



# Same Dimension

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



C5A30B



FFD000



8AC50B



63625A



A38500



241D00



# Inverse Universe

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



0B2DC5



002FFF



460BC5



5A5B63



001EA3

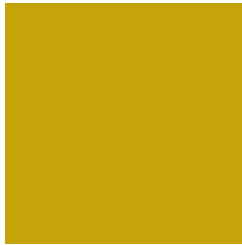


000724



# Previews

## White Background



This preview shows how the Hex color C5A30B looks on a white background.

## Color Contrast Check

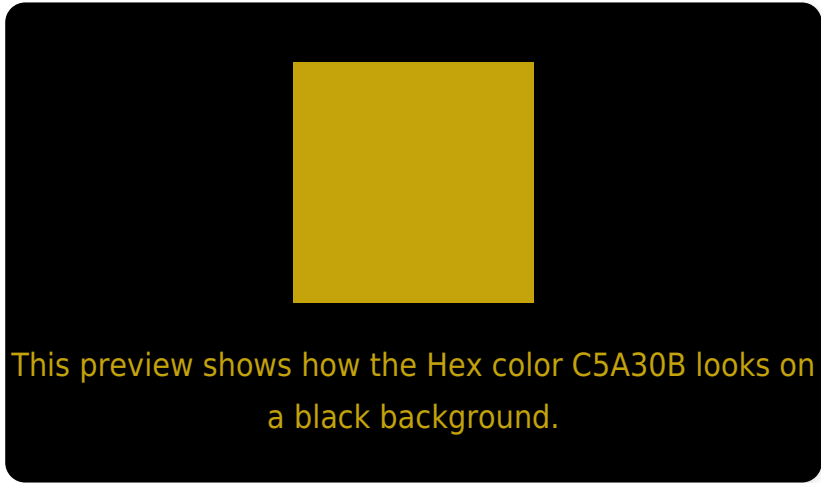
Large Text (above 18pt) WCAG AA × Fail

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 C5A30B Background



This preview shows how black text looks on a background with the Hex color C5A30B.



This preview shows how white text looks on a background with the Hex color C5A30B.

# 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**  
C5A30B

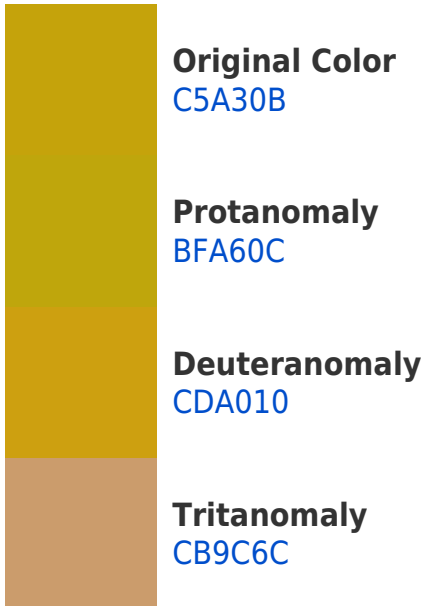
**Protanopia**  
BBA70D

**Deuteranopia**  
D29E13

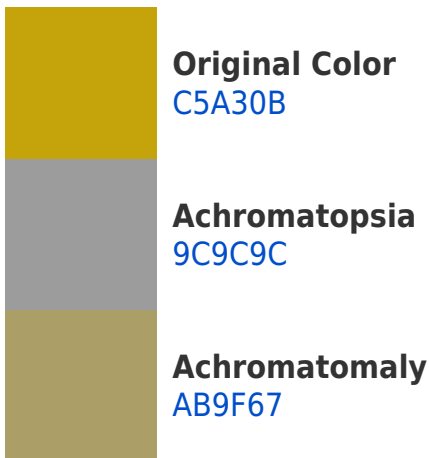


**Tritanopia**  
CE98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A30B 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 #C5A30B looks like.

```
.text, #text, p{  
    color:#C5A30B  
}
```

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 #C5A30B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A30B
}
```

## Border

The CSS property to change the border of an element to Hex C5A30B 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
#C5A30B }
```

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

```
.border{ border-color:#C5A30B }
```

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

Here you see how a box with a 4 pixel #C5A30B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A30B; -webkit-box-shadow:4px 4px  
4px 4px #C5A30B; box-shadow:4px 4px 4px  
4px #C5A30B }
```

# Background

The CSS property to change the background color of an element to Hex C5A30B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A30B }
```

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

```
.background{ background-color:#C5A30B }
```

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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