

# Converting Colors

Hex(C5A330)

Have a look what the booklet for  
Hex(C5A330) contains.

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**Color**

**Hex(C5A330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A330
RGB	197, 163, 48
RGB Percent	77%, 64%, 19%
CMY	0.2275, 0.3608, 0.8118
CMYK	0.00, 0.17, 0.76, 0.23
HSL	46°, 61%, 48%
HSV	46°, 76%, 77%
XYZ	36.6567, 38.2781, 8.2527
YIQ	160.0560, 57.1790, -28.5570

# Conversions

## Conversions Part 2

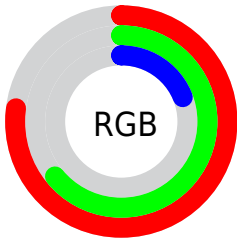
Format	Color
<a href="#">RYB</a>	<a href="#">92, 197, 48</a>
Decimal	<a href="#">12952368</a>
CIELab	<a href="#">68.23, 0.91, 60.58</a>
CIElCh	<a href="#">68, 60.583, 89.139</a>
Yxy	<a href="#">38.2781, 0.4407, 0.4601</a>
Android (android.graphics.Color)	<a href="#">4291142448</a> (0xFFC5A330)
YUV	<a href="#">160.0560, -55.2436, 32.3999</a>
Hunter-Lab	<a href="#">61.8693, -2.5126, 35.3999</a>

# Details

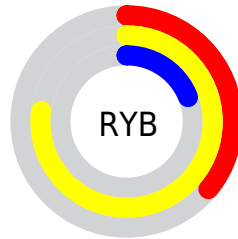
The Hex color **C5A330** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3052C5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFDA66**, and **8B7000** is the 20% darker color. If you saturate the color by 10%, you get **C59F1C**, and if you desaturate by 10%, it is **C5A744**.

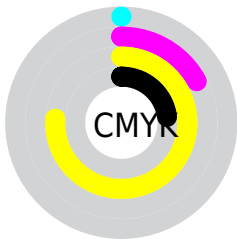
# Distribution



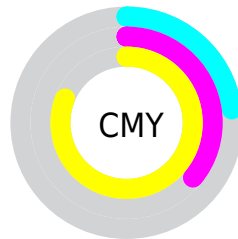
- Red (77%)
- Green (64%)
- Blue (19%)



- Red (36%)
- Yellow (77%)
- Blue (19%)



- Cyan (0%)
- Magenta (17%)
- Yellow (76%)
- Black (23%)



- Cyan (23%)
- Magenta (36%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A330 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 C5A330 by changing the saturation by 10% instead.



 C5A330

 C5A330

FFFFFF

 A8890F

 FFDA66

 8B7000

 FFF681

 6F5800

 FFFF9D

 544100

 FFFFFB9

 392B00

 FFFFFD5

 201700

 FFFFFF2

 000000

 C5A330

 C5A330

 C59F1C

 C5A744

 C59A09

 C5AC57

 C59800

 C5B06B

 C5B57F

 C5B993

 C5BEA6

 C5C2BA

 C5C7CE

 C5CBE1

# Harmonies

## Analogous

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



EF8E48



C5A330



8EB340

# Triad

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



C5A330



00C0DA



E782DF

# Complementary

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



C5A330



3052C5

# 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.



A599FF



C5A330



00BAFF

# Square

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



C5A330



00C1A3



00ADFF



FF74AA

# Rectangle

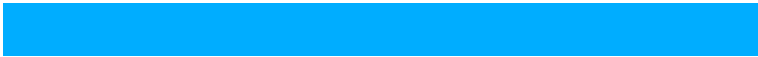
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C5A330



61BA5B



00ADFF



D589EF



# Sweetspot

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



C5A330



FFF2C4



C53053



80775C



000000



808080



# Same Dimension

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



C5A330



FFCA17



9DC530



63615A



A37E00



241C00



# Inverse Universe

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



3052C5



174CFF



5830C5



5A5C63



0025A3



000824



# Previews

## White Background



This preview shows how the Hex color C5A330 looks on a white background.

## Color Contrast Check

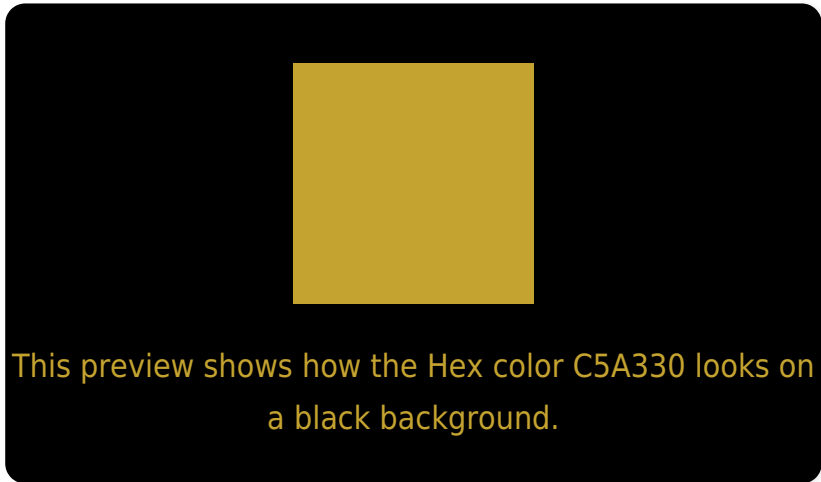
Large Text (above 18pt) WCAG AA × Fail

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 C5A330 Background



This preview shows how black text looks on a background with the Hex color C5A330.



This preview shows how white text looks on a background with the Hex color C5A330.

# 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**  
C5A330

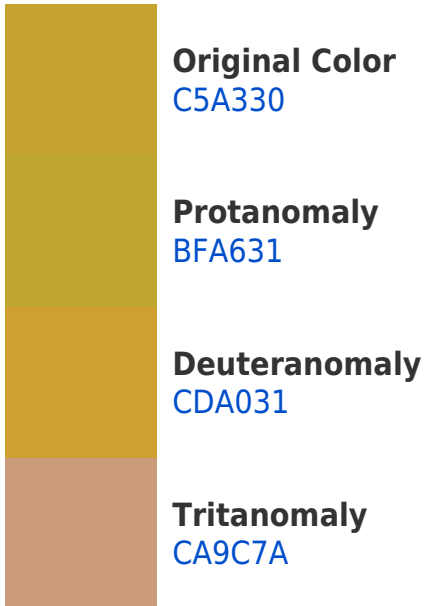
**Protanopia**  
BBA731

**Deuteranopia**  
D19E32

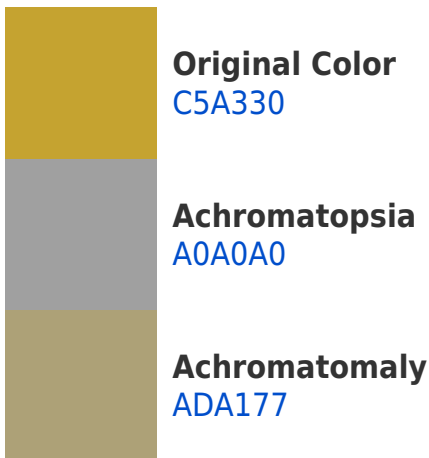


**Tritanopia**  
CD98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A330 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 #C5A330 looks like.

```
.text, #text, p{  
    color:#C5A330  
}
```

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 #C5A330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A330
}
```

## Border

The CSS property to change the border of an element to Hex C5A330 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
#C5A330 }
```

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

```
.border{ border-color:#C5A330 }
```

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

Here you see how a box with a 4 pixel #C5A330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A330; -webkit-box-shadow:4px 4px  
4px 4px #C5A330; box-shadow:4px 4px 4px  
4px #C5A330 }
```

# Background

The CSS property to change the background color of an element to Hex C5A330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A330 }
```

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

```
.background{ background-color:#C5A330 }
```

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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