

# Converting Colors

Hex(CCB531)

Have a look what the booklet for  
Hex(CCB531) contains.

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**Color**

**Hex(CCB531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCB531
RGB	204, 181, 49
RGB Percent	80%, 71%, 19%
CMY	0.2000, 0.2902, 0.8078
CMYK	0.00, 0.11, 0.76, 0.20
HSL	51°, 61%, 50%
HSV	51°, 76%, 80%
XYZ	41.9801, 46.1069, 9.5927
YIQ	172.8290, 56.0800, -36.1760

# Conversions

## Conversions Part 2

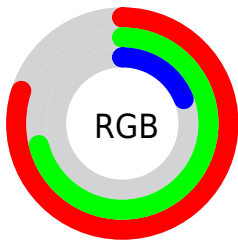
Format	Color
<b>RYB</b>	76, 204, 49
Decimal	13415729
CIELab	73.61, -5.49, 65.52
CIELCh	74, 65.745, 94.793
Yxy	46.1069, 0.4298, 0.4720
Android (android.graphics.Color)	4291605809 (0xFFCCB531)
YUV	172.8290, -61.0477, 27.3370
Hunter-Lab	67.9020, -8.4718, 39.1554

# Details

The Hex color **CCB531** 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 **3148CC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFED69**, and **928100** is the 20% darker color. If you saturate the color by 10%, you get **CCB21D**, and if you desaturate by 10%, it is **CCB845**.

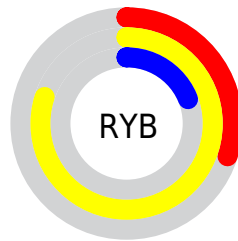
# Distribution



Red (80%)

Green (71%)

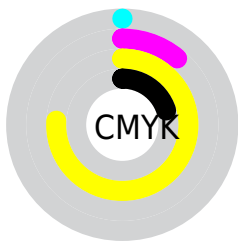
Blue (19%)



Red (30%)

Yellow (80%)

Blue (19%)

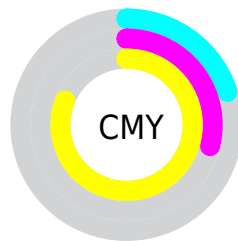


Cyan (0%)

Magenta (11%)

Yellow (76%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCB531 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 CCB531 by changing the saturation by 10% instead.



 CCB531

 CCB531

FFFFFF

 AF9A0B

 FFED69

 928100

 FFFF85

 766800

 FFFFA1

 5A5000

 FFFFBD

 3F3900

 FFFFDA

 262400

 FFFFF7

 061000

 000000

 CCB531

 CCB531

■ CCB21D

■ CCB845

■ CCAF08

■ CCBB5A

■ CCAE00

■ CCBE6E

■ CCC183

■ CCC497

■ CCC7AB

■ CCCAC0

■ CCCDD4

■ CCD0E9

# Harmonies

## Analogous

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



FD9F45



CCB531



8DC54B

# Triad

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



CCB531



00D1F8



FF88E9

# Complementary

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



CCB531



3148CC

# 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.



C4A1FF



CCB531



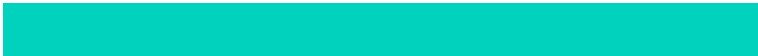
00C9FF

# Square

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



CCB531



00D2BD



3FB8FF



FF7DAE

# Rectangle

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



CCB531



55CC6C



3FB8FF



F490FB



# Sweetspot

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



CCB531



FFF6C4



CC3148



807A5C



000000



808080



# Same Dimension

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



CCB531



FFDD17



96CC31



66645C



A68D00



262100



# Inverse Universe

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



3148CC



1739FF



6731CC



5C5D66



0019A6



000626



# Previews

## White Background



This preview shows how the Hex color CCB531 looks on a white background.

## Color Contrast Check

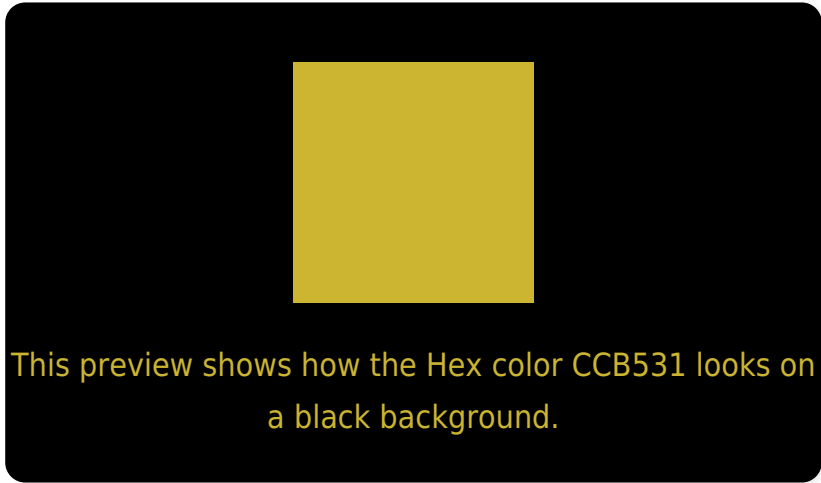
Large Text (above 18pt) WCAG AA × Fail

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 CCB531 Background



This preview shows how black text looks on a background with the Hex color CCB531.

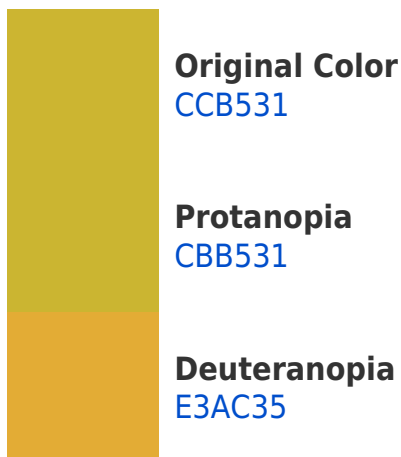


This preview shows how white text looks on a background with the Hex color CCB531.

# 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





**Tritanopia**  
D6A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCB531 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 #CCB531 looks like.

```
.text, #text, p{  
    color:#CCB531  
}
```

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 #CCB531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB531
}
```

## Border

The CSS property to change the border of an element to Hex CCB531 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
#CCB531 }
```

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

```
.border{ border-color:#CCB531 }
```

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

Here you see how a box with a 4 pixel #CCB531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB531; -webkit-box-shadow:4px 4px  
4px 4px #CCB531; box-shadow:4px 4px 4px  
4px #CCB531 }
```

# Background

The CSS property to change the background color of an element to Hex CCB531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB531 }
```

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

```
.background{ background-color:#CCB531 }
```

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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