

Converting Colors

Hex(CCB631)

Have a look what the booklet for
Hex(CCB631) contains.

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Color

Hex(CCB631)

Conversions

Conversions Part 1

Format	Color
Hex	CCB631
RGB	204, 182, 49
RGB Percent	80%, 71%, 19%
CMY	0.2000, 0.2863, 0.8078
CMYK	0.00, 0.11, 0.76, 0.20
HSL	51°, 61%, 50%
HSV	51°, 76%, 80%
XYZ	42.1842, 46.5150, 9.6607
YIQ	173.4160, 55.8050, -36.6990

Conversions

Conversions Part 2

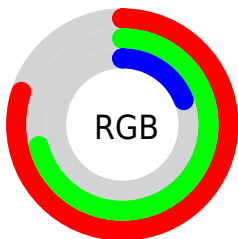
Format	Color
RYB	75, 204, 49
Decimal	13415985
CIELab	73.88, -6.01, 65.76
CIELCh	74, 66.034, 95.225
Yxy	46.5150, 0.4289, 0.4729
Android (android.graphics.Color)	4291606065 (0xFFCCB631)
YUV	173.4160, -61.3371, 26.8222
Hunter-Lab	68.2019, -8.9478, 39.3430

Details

The Hex color **CCB631** 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 **3147CC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFEE69**, and **928200** is the 20% darker color. If you saturate the color by 10%, you get **CCB31D**, and if you desaturate by 10%, it is **CCB945**.

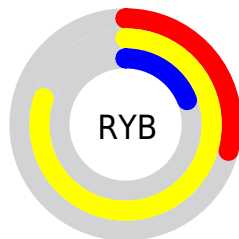
Distribution



Red (80%)

Green (71%)

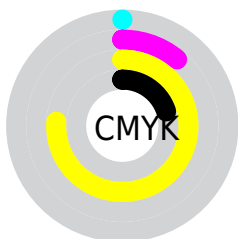
Blue (19%)



Red (29%)

Yellow (80%)

Blue (19%)

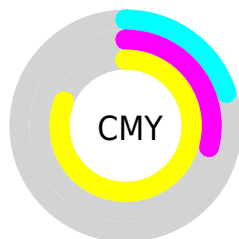


Cyan (0%)

Magenta (11%)

Yellow (76%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB631 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 CCB631 by changing the saturation by 10% instead.

 CCB631

 CCB631

FFFFFF

 AF9B0B

 FFEE69

 928200

 FFFF85

 766900

 FFFFA1

 5A5100

 FFFFBD

 3F3A00

 FFFFDA

 262500

 FFFFF7

 061100

 000000

 CCB631

 CCB631

■ CCB31D

■ CCB945

■ CCB008

■ CCBC5A

■ CCAF00

■ CCBF6E

■ CCC283

■ 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.



FEA045



CCB631



8DC64C

Triad

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



CCB631



00D1FA



FF88EA

Complementary

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



CCB631



3147CC

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.



C6A1FF



CCB631



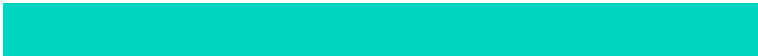
00C9FF

Square

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



CCB631



00D3BF



43B9FF



FF7DAD

Rectangle

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



CCB631



53CD6D



43B9FF



F690FC

Sweetspot

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



CCB631



FFF7C4



CC3148



807A5C



000000



808080

Same Dimension

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



CCB631



FFDE17



96CC31



66655C



A68E00



262100

Inverse Universe

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



3147CC



1738FF



6731CC



5C5D66



0018A6



000526

Previews

White Background



This preview shows how the Hex color CCB631 looks on a white background.

Color Contrast Check

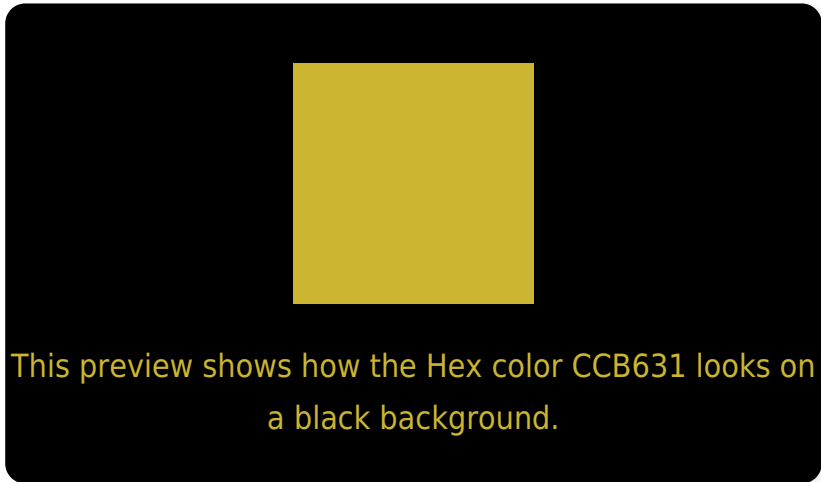
Large Text (above 18pt) WCAG AA × Fail

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 CCB631 Background



This preview shows how black text looks on a background with the Hex color CCB631.



This preview shows how white text looks on a background with the Hex color CCB631.

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
CCB631

Protanopia
CCB631

Deuteranopia
E4AC35



Tritanopia
D6AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCB631 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 #CCB631 looks like.

```
.text, #text, p{  
    color:#CCB631  
}
```

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 #CCB631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB631
}
```

Border

The CSS property to change the border of an element to Hex CCB631 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
#CCB631 }
```

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

```
.border{ border-color:#CCB631 }
```

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

Here you see how a box with a 4 pixel #CCB631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB631; -webkit-box-shadow:4px 4px  
4px 4px #CCB631; box-shadow:4px 4px 4px  
4px #CCB631 }
```

Background

The CSS property to change the background color of an element to Hex CCB631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB631 }
```

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

```
.background{ background-color:#CCB631 }
```

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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