

Converting Colors

Hex(CCC431)

Have a look what the booklet for
Hex(CCC431) contains.

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Color

Hex(CCC431)

Conversions

Conversions Part 1

Format	Color
Hex	CCC431
RGB	204, 196, 49
RGB Percent	80%, 77%, 19%
CMY	0.2000, 0.2314, 0.8078
CMYK	0.00, 0.04, 0.76, 0.20
HSL	57°, 61%, 50%
HSV	57°, 76%, 80%
XYZ	45.1961, 52.5390, 10.6647
YIQ	181.6340, 51.9550, -44.0210

Conversions

Conversions Part 2

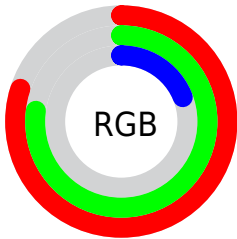
Format	Color
RYB	57, 204, 49
Decimal	13419569
CIELab	77.60, -13.19, 69.19
CIELCh	78, 70.438, 100.796
Yxy	52.5390, 0.4169, 0.4847
Android (android.graphics.Color)	4291609649 (0xFFCCC431)
YUV	181.6340, -65.3886, 19.6150
Hunter-Lab	72.4838, -15.5457, 42.0152

Details

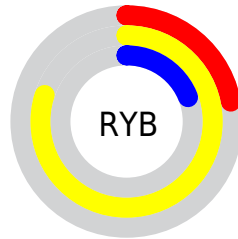
The Hex color **CCC431** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3139CC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFFC6B**, and **928F00** is the 20% darker color. If you saturate the color by 10%, you get **CCC31D**, and if you desaturate by 10%, it is **CCC545**.

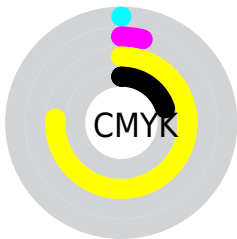
Distribution



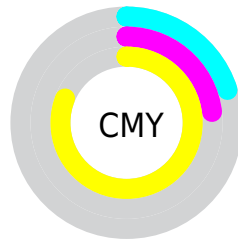
- Red (80%)
- Green (77%)
- Blue (19%)



- Red (22%)
- Yellow (80%)
- Blue (19%)



- Cyan (0%)
- Magenta (4%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCC431 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 CCC431 by changing the saturation by 10% instead.

 CCC431

 CCC431

FFFFFF

 AFA906

 FFFC6B

 928F00

 FFFF87

 767500

 FFFFA3

 5A5D00

 FFFFBF

 3F4500

 FFFFDC

 252F00

 FFFFFA

 081B00

 000000

 CCC431

 CCC431

■ CCC31D

■ CCC545

■ CCC208

■ CCC65A

■ CCC100

■ CCC76E

■ CCC883

■ CCC997

■ CCCAAB

■ CCCBC0

■ CCCCD4

■ CCCDE9

Harmonies

Analogous

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



FFAD3E



CCC431



84D456

Triad

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



CCC431



00DDFF



FF8BEC

Complementary

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



CCC431



3139CC

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.



E2A4FF



CCC431



00D2FF

Square

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



CCC431



00DFD6



6ABFFF



FF83AB

Rectangle

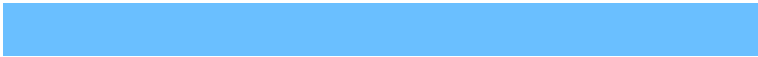
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCC431



37DA7D



6ABFFF



FF92FF

Sweetspot

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



CCC431



FFFCC4



CC313B



807E5C



000000



808080

Same Dimension

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



CCC431



FFF317



89CC31



66655C



A69D00



262400

Inverse Universe

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



3139CC



1723FF



7431CC



5C5C66



0009A6



000226

Previews

White Background



This preview shows how the Hex color CCC431 looks on a white background.

Color Contrast Check

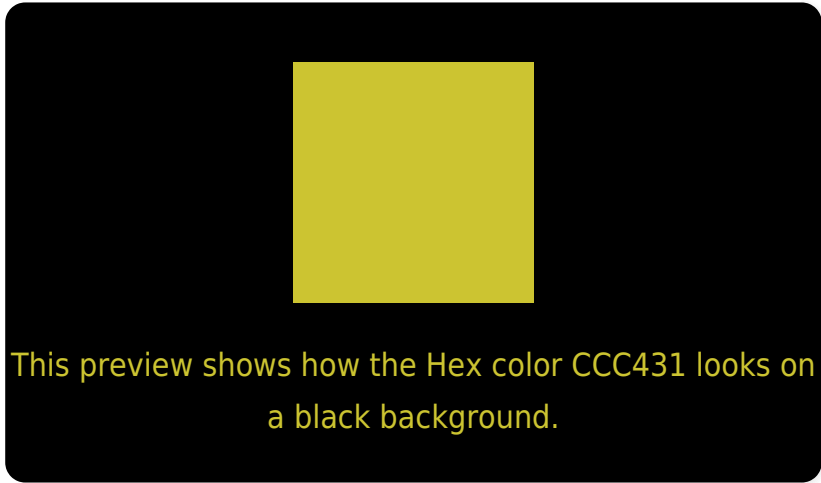
Large Text (above 18pt) WCAG AA × Fail

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 CCC431 Background



This preview shows how black text looks on a background with the Hex color CCC431.



This preview shows how white text looks on a background with the Hex color CCC431.

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
CCC431

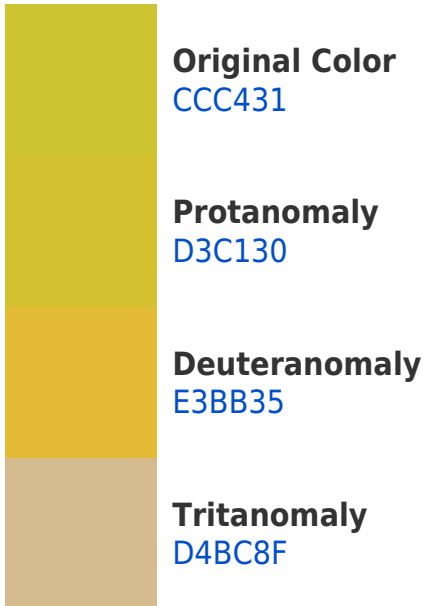
Protanopia
D7C030

Deuteranopia
F0B637



Tritanopia
D8B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCC431 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 #CCC431 looks like.

```
.text, #text, p{  
    color:#CCC431  
}
```

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 #CCC431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC431
}
```

Border

The CSS property to change the border of an element to Hex CCC431 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
#CCC431 }
```

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

```
.border{ border-color:#CCC431 }
```

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

Here you see how a box with a 4 pixel #CCC431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC431; -webkit-box-shadow:4px 4px  
4px 4px #CCC431; box-shadow:4px 4px 4px  
4px #CCC431 }
```

Background

The CSS property to change the background color of an element to Hex CCC431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC431 }
```

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

```
.background{ background-color:#CCC431 }
```

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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