

Converting Colors

Hex(CCA31D)

Have a look what the booklet for
Hex(CCA31D) contains.

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Color

Hex(CCA31D)

Conversions

Conversions Part 1

Format	Color
Hex	CCA31D
RGB	204, 163, 29
RGB Percent	80%, 64%, 11%
CMY	0.2000, 0.3608, 0.8863
CMYK	0.00, 0.20, 0.86, 0.20
HSL	46°, 75%, 46%
HSV	46°, 86%, 80%
XYZ	38.2208, 39.1205, 6.6989
YIQ	159.9830, 67.4500, -32.9820

Conversions

Conversions Part 2

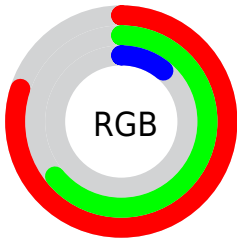
Format	Color
R_{YB}	83, 204, 29
Decimal	13411101
CIE _{Lab}	68.84, 3.37, 67.32
CIE _{LCh}	69, 67.403, 87.133
Yxy	39.1205, 0.4548, 0.4655
Android (android.graphics.Color)	4291601181 (0xFFCCA31D)
YUV	159.9830, -64.5746, 38.6029
Hunter-Lab	62.5464, -0.3784, 37.4323

Details

The Hex color **CCA31D** 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 **1D46CC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFDA59**, and **917000** is the 20% darker color. If you saturate the color by 10%, you get **CC9E09**, and if you desaturate by 10%, it is **CCA831**.

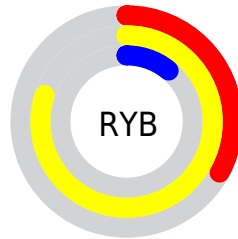
Distribution



Red (80%)

Green (64%)

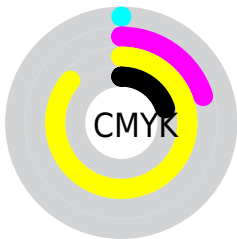
Blue (11%)



Red (33%)

Yellow (80%)

Blue (11%)

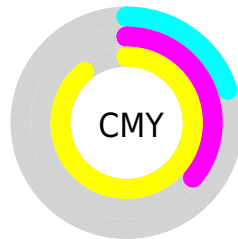


Cyan (0%)

Magenta (20%)

Yellow (86%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA31D 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 CCA31D by changing the saturation by 10% instead.

CCA31D

CCA31D

FFFFFF

AE8900

FFDA59

917000

FFF674

755800

FFFF90

584100

FFFFAC

3E2B00

FFFFC8

251700

FFFFE6

000000

CCA31D

CCA31D

CC9E09

CCA831

■ CC9C00

■ CCAD46

■ CCB15A

■ CCB66F

■ CCBB83

■ CCC097

■ CCC4AC

■ CCC9C0

■ CCCED5

Harmonies

Analogous

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



FA8B40



CCA31D



90B52F

Triad

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



CCA31D



00C4DE



EC7FEB

Complementary

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



CCA31D



1D46CC

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.



9D9AFF



CCA31D



00BFFF

Square

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



CCA31D



00C4A0



00B1FF



FF6EB0

Rectangle

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



CCA31D



5DBD50



00B1FF



D788FC

Sweetspot

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



CCA31D



FFEFD



CC1D49



807658



000000



808080

Same Dimension

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



CCA31D



FFC300



A0CC1D



66645C



A67F00



261D00

Inverse Universe

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



1D46CC



003CFF



491DCC



5C5E66



0027A6



000926

Previews

White Background



This preview shows how the Hex color CCA31D looks on a white background.

Color Contrast Check

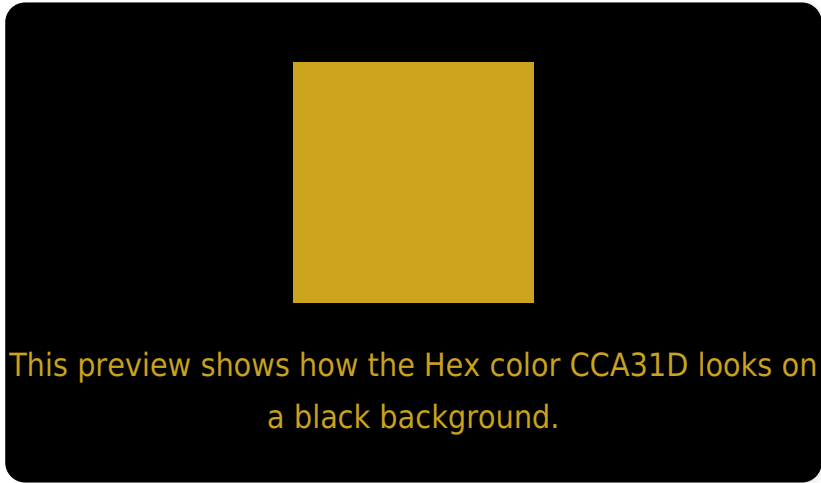
Large Text (above 18pt) WCAG AA × Fail

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 CCA31D Background



This preview shows how black text looks on a background with the Hex color CCA31D.



This preview shows how white text looks on a background with the Hex color CCA31D.

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
CCA31D

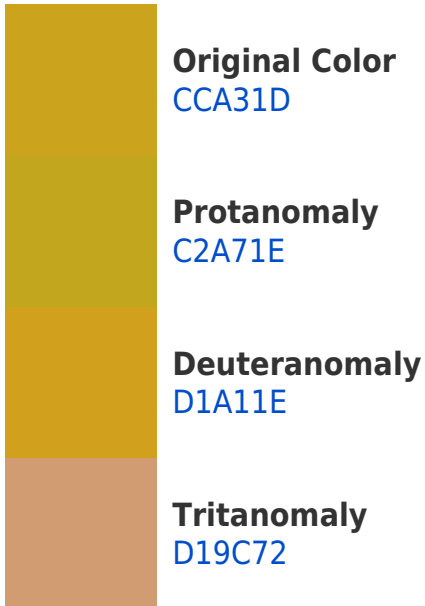
Protanopia
BDA91F

Deuteranopia
D4A01F

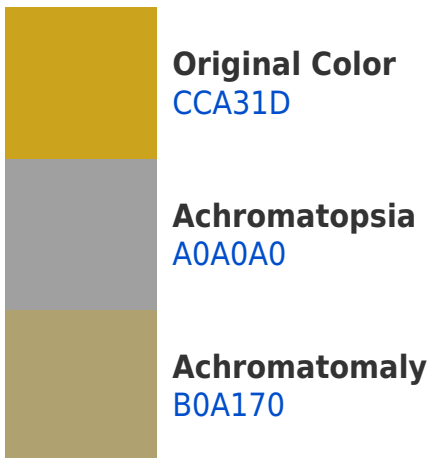


Tritanopia
D498A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA31D 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 #CCA31D looks like.

```
.text, #text, p{  
    color:#CCA31D  
}
```

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 #CCA31D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA31D
}
```

Border

The CSS property to change the border of an element to Hex CCA31D 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
#CCA31D }
```

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

```
.border{ border-color:#CCA31D }
```

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

Here you see how a box with a 4 pixel #CCA31D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA31D; -webkit-box-shadow:4px 4px  
4px 4px #CCA31D; box-shadow:4px 4px 4px  
4px #CCA31D }
```

Background

The CSS property to change the background color of an element to Hex CCA31D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA31D }
```

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

```
.background{ background-color:#CCA31D }
```

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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