

Converting Colors

Hex(CCA02D)

Have a look what the booklet for
Hex(CCA02D) contains.

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Color

Hex(CCA02D)

Conversions

Conversions Part 1

Format	Color
Hex	CCA02D
RGB	204, 160, 45
RGB Percent	80%, 63%, 18%
CMY	0.2000, 0.3725, 0.8235
CMYK	0.00, 0.22, 0.78, 0.20
HSL	43°, 64%, 49%
HSV	43°, 78%, 80%
XYZ	37.9463, 38.1684, 7.8499
YIQ	160.0460, 63.1390, -26.4370

Conversions

Conversions Part 2

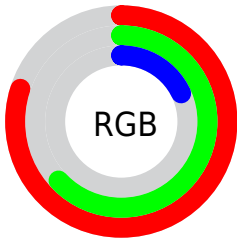
Format	Color
R _{YB}	106, 204, 45
Decimal	13410349
CIE Lab	68.14, 5.48, 61.84
CIE LCh	68, 62.079, 84.939
Yxy	38.1684, 0.4519, 0.4546
Android (android.graphics.Color)	4291600429 (0xFFCCA02D)
YUV	160.0460, -56.7177, 38.5477
Hunter-Lab	61.7806, 1.5205, 35.7130

Details

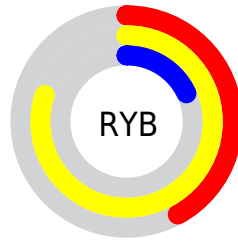
The Hex color **CCA02D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **2D59CC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD664**, and **916D00** is the 20% darker color. If you saturate the color by 10%, you get **CC9A19**, and if you desaturate by 10%, it is **CCA641**.

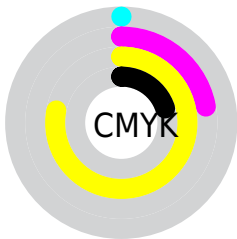
Distribution



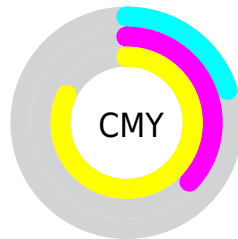
- Red (80%)
- Green (63%)
- Blue (18%)



- Red (42%)
- Yellow (80%)
- Blue (18%)



- Cyan (0%)
- Magenta (22%)
- Yellow (78%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA02D 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 CCA02D by changing the saturation by 10% instead.

CCA02D

CCA02D

FFFFFF

AE8609

FFD664

916D00

FFF37F

755500

FFFF9A

593E00

FFFFB6

3E2800

FFFFD3

251400

FFFFF0

000000

CCA02D

CCA02D

CC9A19

CCA641

 CC9504

 CCAB56

 CC9400

 CCB16A

 CCB77F

 CCBC93

 CCC2A7

 CCC8BC

 CCCDD0

 CCD3E5

Harmonies

Analogous

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



F58A4A



CCA02D



96B138

Triad

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



CCA02D



00C1D4



E183E7

Complementary

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



CCA02D



2D59CC

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.



979BFF



CCA02D



00BCFF

Square

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



CCA02D



00C19A



00AFFF



FF73B2

Rectangle

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



CCA02D



69B952



00AFFF



CD8BF6

Sweetspot

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



CCA02D



FFEFC4



CC2D5A



80765C



000000



808080

Same Dimension

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



CCA02D



FFBD0F



AACC2D



66635C



A67800



261C00

Inverse Universe

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



2D59CC



0F52FF



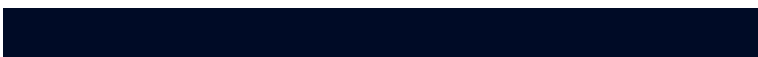
4F2DCC



5C5F66



002EA6



000B26

Previews

White Background



This preview shows how the Hex color CCA02D looks on a white background.

Color Contrast Check

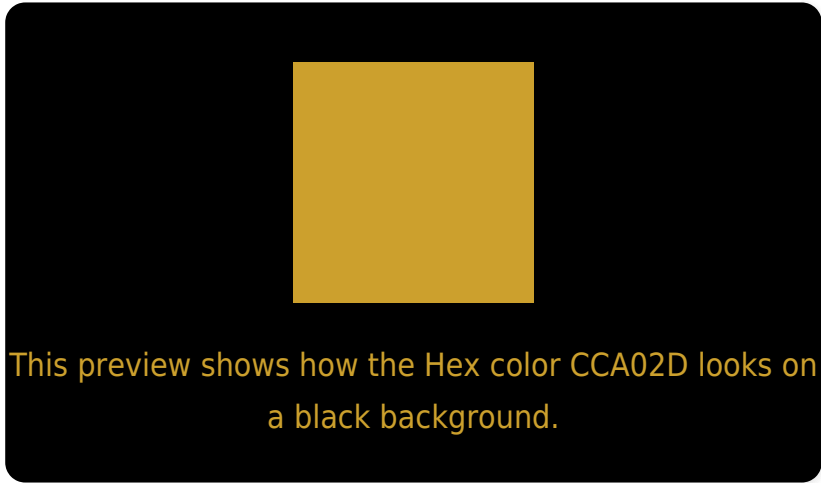
Large Text (above 18pt) WCAG AA × Fail

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 CCA02D Background



This preview shows how black text looks on a background with the Hex color CCA02D.



This preview shows how white text looks on a background with the Hex color CCA02D.

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
CCA02D

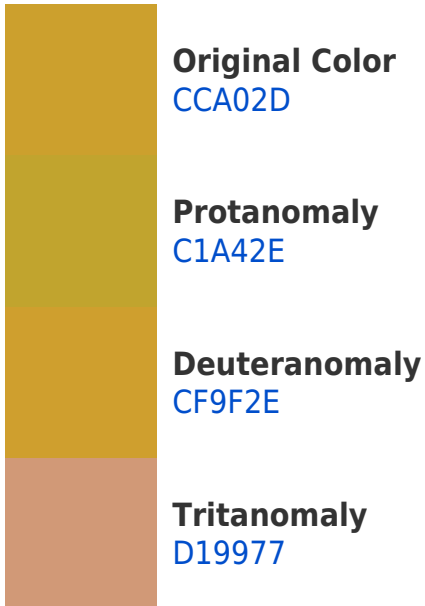
Protanopia
BBA72F

Deuteranopia
D19E2E



Tritanopia
D495A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA02D 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 #CCA02D looks like.

```
.text, #text, p{  
    color:#CCA02D  
}
```

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 #CCA02D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA02D
}
```

Border

The CSS property to change the border of an element to Hex CCA02D 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
#CCA02D }
```

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

```
.border{ border-color:#CCA02D }
```

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

Here you see how a box with a 4 pixel #CCA02D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA02D; -webkit-box-shadow:4px 4px  
4px 4px #CCA02D; box-shadow:4px 4px 4px  
4px #CCA02D }
```

Background

The CSS property to change the background color of an element to Hex CCA02D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA02D }
```

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

```
.background{ background-color:#CCA02D }
```

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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