

Converting Colors

Hex(C2A00D)

Have a look what the booklet for
Hex(C2A00D) contains.

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Color

Hex(C2A00D)

Conversions

Conversions Part 1

Format	Color
Hex	C2A00D
RGB	194, 160, 13
RGB Percent	76%, 63%, 5%
CMY	0.2392, 0.3725, 0.9490
CMYK	0.00, 0.18, 0.93, 0.24
HSL	49°, 87%, 41%
HSV	49°, 93%, 76%
XYZ	34.8916, 36.6400, 5.6140
YIQ	153.4080, 67.4510, -38.5090

Conversions

Conversions Part 2

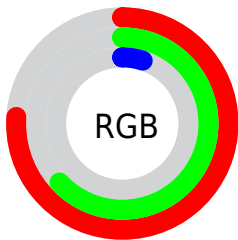
Format	Color
RYB	55, 194, 13
Decimal	12754957
CIELab	67.01, 0.23, 68.67
CIElCh	67, 68.675, 89.811
Yxy	36.6400, 0.4523, 0.4749
Android (android.graphics.Color)	4290945037 (0xFFC2A00D)
YUV	153.4080, -69.2211, 35.5992
Hunter-Lab	60.5310, -3.0373, 36.8728

Details

The Hex color **C2A00D** 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 **0D2FC2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFD650**, and **876D00** is the 20% darker color. If you saturate the color by 10%, you get **C29E00**, and if you desaturate by 10%, it is **C2A420**.

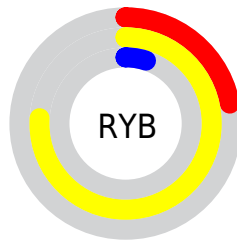
Distribution



Red (76%)

Green (63%)

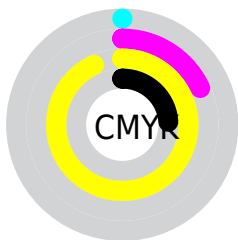
Blue (5%)



Red (22%)

Yellow (76%)

Blue (5%)

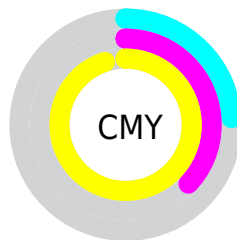


Cyan (0%)

Magenta (18%)

Yellow (93%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2A00D 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 C2A00D by changing the saturation by 10% instead.

 C2A00D

 C2A00D

FFFFFF

 A48600

 FFD650

 876D00

 FFF36C

 6B5500

 FFFF87

 503E00

 FFFFFA4

 352900

 FFFFC0

 1D1500

 FFFFDD

 000000

 FFFFFFFA

 C2A00D

 C2A00D

 C29E00

 C2A420

 C2A734

 C2AB47

 C2AF5B

 C2B26E

 C2B681

 C2BA95

 C2BDA8

 C2C1BC

Harmonies

Analogous

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



F28835



C2A00D



84B12A

Triad

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



C2A00D



00BFD9



ED77E2

Complementary

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



C2A00D



0D2FC2

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.



A193FF



C2A00D



00B9FF

Square

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



C2A00D



00C0A1



00AAFF



FF66A6

Rectangle

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



C2A00D



4CB94E



00AAFF



D980F4

Sweetspot

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



C2A00D



FCEFB6



C20D31



807754



000000



808080

Same Dimension

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



C2A00D



FCCD00



8CC20D



615F57



A18200



211B00

Inverse Universe

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



0D2FC2



002FFC



430DC2



575961



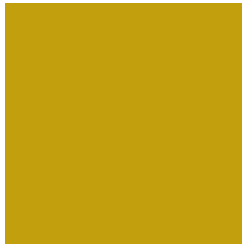
001EA1



000621

Previews

White Background



This preview shows how the Hex color C2A00D looks on a white background.

Color Contrast Check

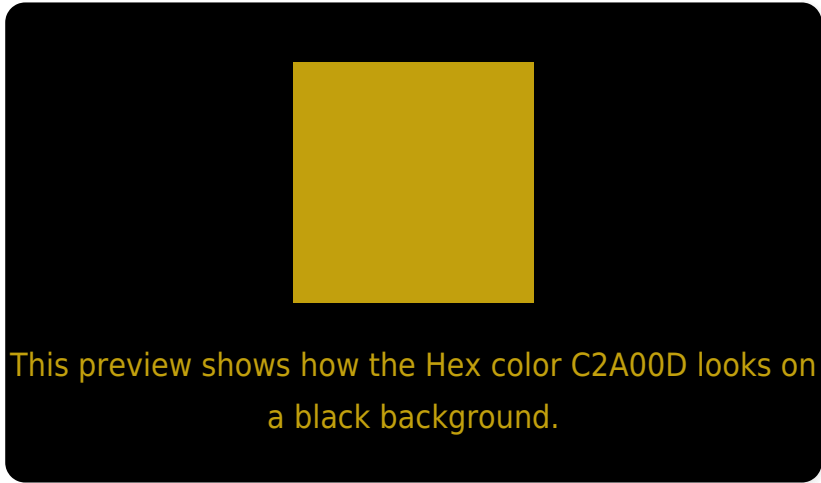
Large Text (above 18pt) WCAG AA × Fail

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 C2A00D Background



This preview shows how black text looks on a background with the Hex color C2A00D.



This preview shows how white text looks on a background with the Hex color C2A00D.

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
C2A00D

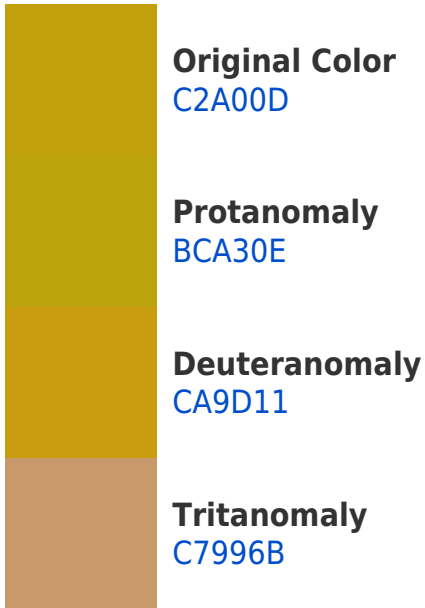
Protanopia
B8A0F

Deuteranopia
CE9B14



Tritanopia
CA95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2A00D 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 #C2A00D looks like.

```
.text, #text, p{  
    color:#C2A00D  
}
```

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 #C2A00D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A00D
}
```

Border

The CSS property to change the border of an element to Hex C2A00D 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
#C2A00D }
```

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

```
.border{ border-color:#C2A00D }
```

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

Here you see how a box with a 4 pixel #C2A00D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A00D; -webkit-box-shadow:4px 4px  
4px 4px #C2A00D; box-shadow:4px 4px 4px  
4px #C2A00D }
```

Background

The CSS property to change the background color of an element to Hex C2A00D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A00D }
```

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

```
.background{ background-color:#C2A00D }
```

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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