

Converting Colors

Hex(CDAB29)

Have a look what the booklet for
Hex(CDAB29) contains.

Hex(CDAB29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CDAB29)

Conversions

Conversions Part 1

Format	Color
Hex	CDAB29
RGB	205, 171, 41
RGB Percent	80%, 67%, 16%
CMY	0.1961, 0.3294, 0.8392
CMYK	0.00, 0.17, 0.80, 0.20
HSL	48°, 67%, 48%
HSV	48°, 80%, 80%
XYZ	40.1400, 42.2651, 8.1402
YIQ	166.3460, 61.9940, -33.2220

Conversions

Conversions Part 2

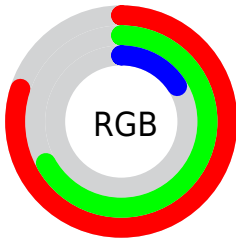
Format	Color
R _Y B	84, 205, 41
Decimal	13478697
CIE Lab	71.05, -0.10, 65.84
CIE LCh	71, 65.838, 90.086
Yxy	42.2651, 0.4433, 0.4668
Android (android.graphics.Color)	4291668777 (0xFFCDAB29)
YUV	166.3460, -61.7956, 33.8996
Hunter-Lab	65.0116, -3.5593, 38.0843

Details

The Hex color **CDAB29** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **294BCD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE262**, and **927700** is the 20% darker color. If you saturate the color by 10%, you get **CDA714**, and if you desaturate by 10%, it is **CDAF3E**.

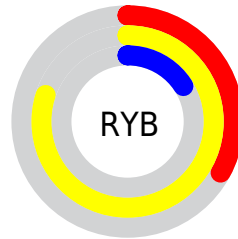
Distribution



Red (80%)

Green (67%)

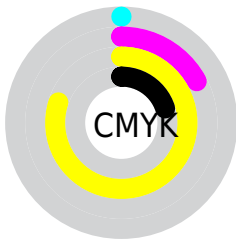
Blue (16%)



Red (33%)

Yellow (80%)

Blue (16%)

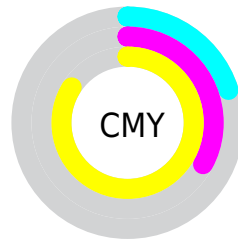


Cyan (0%)

Magenta (17%)

Yellow (80%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDAB29 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 CDAB29 by changing the saturation by 10% instead.

 CDAB29

 CDAB29

FFFFFF

 AF9100

 FFE262

 927700

 FFFF7D

 765F00

 FFFF99

 5A4700

 FFFFFB5

 3F3100

 FFFFFD2

 261D00

 FFFFFEF

 060400

 000000

 CDAB29

 CDAB29

■ CDA714

■ CDAF3E

■ CDA300

■ CDB452

■ CDB867

■ CDBC7B

■ CDC090

■ CDC5A4

■ CDC9B9

■ CDCDCD

■ CDD1E2

Harmonies

Analogous

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



FC9444



CDAB29



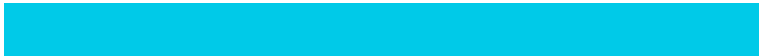
91BC3D

Triad

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



CDAB29



00CAE8



F684EB

Complementary

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



CDAB29



294BCD

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.



AE9EFF



CDAB29



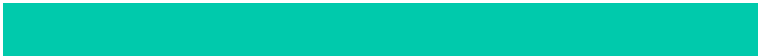
00C3FF

Square

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



CDAB29



00CAAC



00B5FF



FF76B0

Rectangle

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



CDAB29



5DC35D



00B5FF



E38DFC

Sweetspot

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



CDAB29



FFF2C2



CD294D



80785B



000000



808080

Same Dimension

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



CDAB29



FFCC0A



9FCD29



66645C



A68300



261E00

Inverse Universe

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



294BCD



0A3DFF



5729CD



5C5E66



0022A6



000826

Previews

White Background



This preview shows how the Hex color CDAB29 looks on a white background.

Color Contrast Check

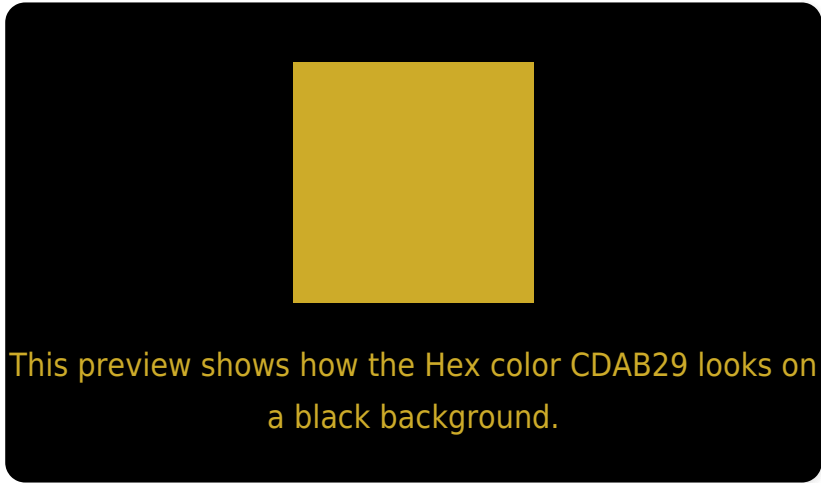
Large Text (above 18pt) WCAG AA × Fail

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 CDAB29 Background



This preview shows how black text looks on a background with the Hex color CDAB29.



This preview shows how white text looks on a background with the Hex color CDAB29.

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
CDAB29

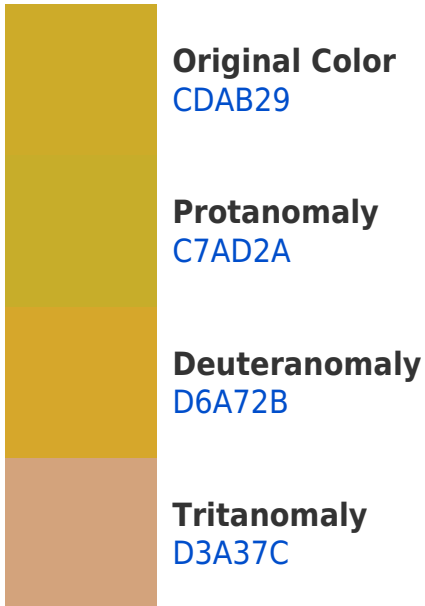
Protanopia
C4AE2A

Deuteranopia
DBA52C

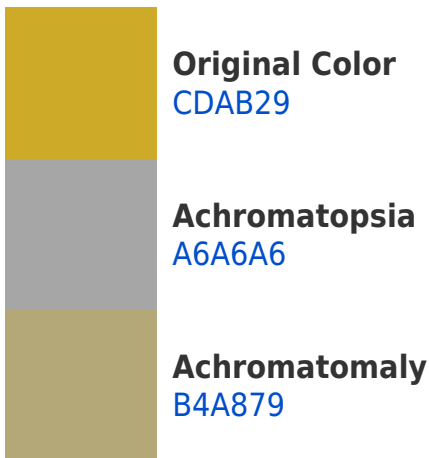


Tritanopia
D69FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDAB29 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 #CDAB29 looks like.

```
.text, #text, p{  
    color:#CDAB29  
}
```

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 #CDAB29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDAB29
}
```

Border

The CSS property to change the border of an element to Hex CDAB29 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
#CDAB29 }
```

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

```
.border{ border-color:#CDAB29 }
```

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

Here you see how a box with a 4 pixel #CDAB29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDAB29; -webkit-box-shadow:4px 4px  
4px 4px #CDAB29; box-shadow:4px 4px 4px  
4px #CDAB29 }
```

Background

The CSS property to change the background color of an element to Hex CDAB29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDAB29 }
```

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

```
.background{ background-color:#CDAB29 }
```

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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