

# Converting Colors

Hex(CDA711)

Have a look what the booklet for  
Hex(CDA711) contains.

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# **Color**

**Hex(CDA711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDA711
RGB	205, 167, 17
RGB Percent	80%, 65%, 7%
CMY	0.1961, 0.3451, 0.9333
CMYK	0.00, 0.19, 0.92, 0.20
HSL	48°, 85%, 44%
HSV	48°, 92%, 80%
XYZ	39.0967, 40.6570, 6.3173
YIQ	161.2620, 70.7980, -38.5940

# Conversions

## Conversions Part 2

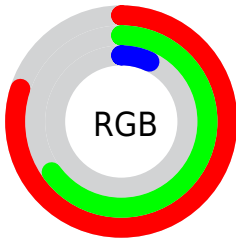
Format	Color
<a href="#">RYB</a>	<a href="#">65, 205, 17</a>
Decimal	<a href="#">13477649</a>
CIELab	<a href="#">69.93, 1.44, 70.74</a>
CIELCh	<a href="#">70, 70.752, 88.831</a>
Yxy	<a href="#">40.6570, 0.4542, 0.4724</a>
Android (android.graphics.Color)	<a href="#">4291667729</a> ( <a href="#">0xFFCDA711</a> )
YUV	<a href="#">161.2620, -71.1212, 38.3582</a>
Hunter-Lab	<a href="#">63.7629, -2.1363, 38.7599</a>

# Details

The Hex color **CDA711** 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 **1137CD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFDE53**, and **927400** is the 20% darker color. If you saturate the color by 10%, you get **CDA400**, and if you desaturate by 10%, it is **CDAB25**.

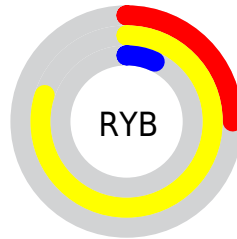
# Distribution



Red (80%)

Green (65%)

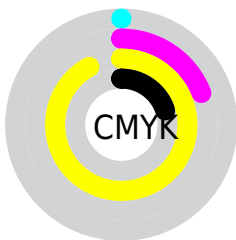
Blue (7%)



Red (25%)

Yellow (80%)

Blue (7%)

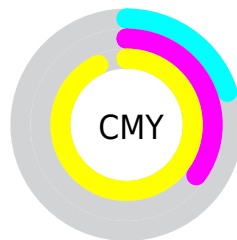


Cyan (0%)

Magenta (19%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDA711 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 CDA711 by changing the saturation by 10% instead.



 CDA711

 CDA711

FFFFFF

 AF8D00

 FFDE53

 927400

 FFFA6F

 755B00

 FFFF8B

 594400

 FFFFA7

 3E2E00

 FFFFC4

 251A00

 FFFFFE1

 030000

 000000

 CDA711

 CDA711

 CDA400

 CDAB25

 CDAF3A

 CDB34E

 CDB863

 CDBC77

 CDC08C

 CDC4A1

 CDC8B5

 CDCCCA

# Harmonies

## Analogous

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



FE8E3A



CDA711



8EB92C

# Triad

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



CDA711



00C8E7



F67EEE

# Complementary

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



CDA711



1137CD

# 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.



A59BFF



CDA711



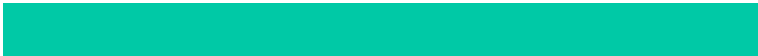
00C2FF

# Square

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



CDA711



00C9A6



00B3FF



FF6CB0

# Rectangle

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



CDA711



55C151



00B3FF



E087FF



# Sweetspot

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



CDA711



FFF1B8



CD113A



807754



000000



808080



# Same Dimension

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



CDA711



FFCB00



98CD11



66645C



A68400



261F00



# Inverse Universe

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



1137CD



0034FF



4611CD



5C5E66



0022A6



000826



# Previews

## White Background



This preview shows how the Hex color CDA711 looks on a white background.

## Color Contrast Check

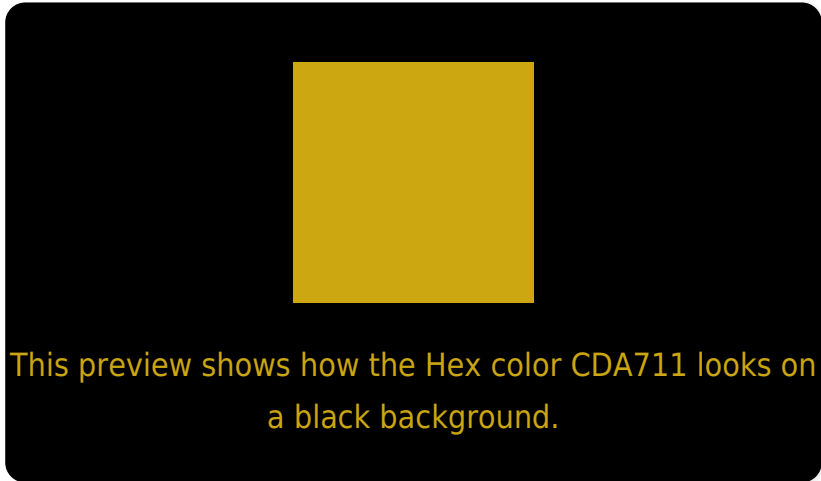
Large Text (above 18pt) WCAG AA × Fail

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 CDA711 Background



This preview shows how black text looks on a background with the Hex color CDA711.



This preview shows how white text looks on a background with the Hex color CDA711.

# 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**  
CDA711

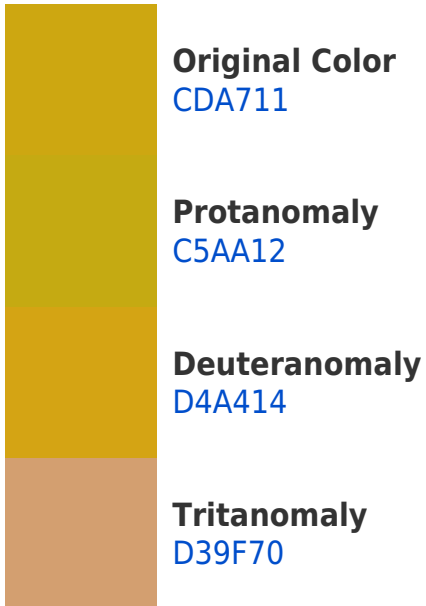
**Protanopia**  
C1AC13

**Deuteranopia**  
D8A216

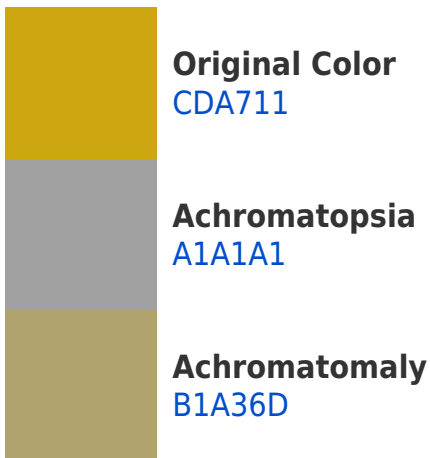


**Tritanopia**  
D69BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDA711 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 #CDA711 looks like.

```
.text, #text, p{  
    color:#CDA711  
}
```

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 #CDA711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA711
}
```

## Border

The CSS property to change the border of an element to Hex CDA711 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
#CDA711 }
```

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

```
.border{ border-color:#CDA711 }
```

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

Here you see how a box with a 4 pixel #CDA711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA711; -webkit-box-shadow:4px 4px  
4px 4px #CDA711; box-shadow:4px 4px 4px  
4px #CDA711 }
```

# Background

The CSS property to change the background color of an element to Hex CDA711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA711 }
```

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

```
.background{ background-color:#CDA711 }
```

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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