

Converting Colors

Hex(CDA10E)

Have a look what the booklet for
Hex(CDA10E) contains.

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Color

Hex(CDA10E)

Conversions

Conversions Part 1

Format	Color
Hex	CDA10E
RGB	205, 161, 14
RGB Percent	80%, 63%, 5%
CMY	0.1961, 0.3686, 0.9451
CMYK	0.00, 0.21, 0.93, 0.20
HSL	46°, 87%, 43%
HSV	46°, 93%, 80%
XYZ	38.0010, 38.5006, 5.8440
YIQ	157.3980, 73.4110, -36.3890

Conversions

Conversions Part 2

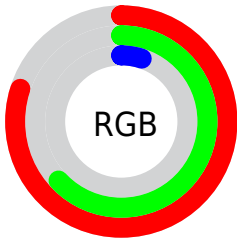
Format	Color
RYB	71, 205, 14
Decimal	13476110
CIELab	68.39, 4.60, 70.05
CIELCh	68, 70.206, 86.240
Yxy	38.5006, 0.4615, 0.4675
Android (android.graphics.Color)	4291666190 (0xFFCDA10E)
YUV	157.3980, -70.6952, 41.7470
Hunter-Lab	62.0488, 0.7345, 37.8501

Details

The Hex color **CDA10E** 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 **0E3ACD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD751**, and **926E00** is the 20% darker color. If you saturate the color by 10%, you get **CD9E00**, and if you desaturate by 10%, it is **CDA623**.

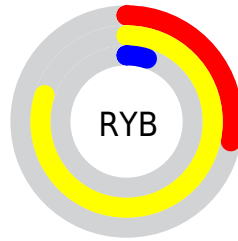
Distribution



Red (80%)

Green (63%)

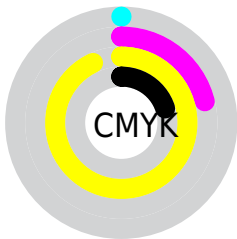
Blue (5%)



Red (28%)

Yellow (80%)

Blue (5%)

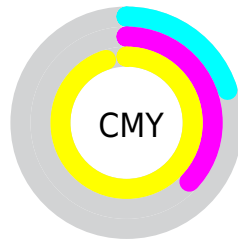


Cyan (0%)

Magenta (21%)

Yellow (93%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA10E 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 CDA10E by changing the saturation by 10% instead.

 CDA10E

 CDA10E

FFFFFF

 AF8700

 FFD751

 926E00

 FFF46D

 755600

 FFFF89

 593F00

 FFFFA5

 3E2900

 FFFFFC1

 251500

 FFFFDE

 000000

 FFFFFC

 CDA10E

 CDA10E

■ CD9E00

■ CDA623

■ CDAA37

■ CDAF4C

■ CDB460

■ CDB975

■ CDBD89

■ CDC29E

■ CDC7B2

■ CDCCC7

Harmonies

Analogous

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



FC883B



CDA10E



90B424

Triad

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



CDA10E



00C4DD



EC7DEE

Complementary

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



CDA10E



0E3ACD

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.



9799FF



CDA10E



00BEFF

Square

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



CDA10E



00C49C



00B1FF



FF69B2

Rectangle

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



CDA10E



5ABC48



00B1FF



D586FF

Sweetspot

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



CDA10E



FFEFB8



CD0E3B



807654



000000



808080

Same Dimension

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



CDA10E



FFC400



9ACD0E



66645C



A68000



261D00

Inverse Universe

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



0E3ACD



003BFF



410ECD



5C5E66



0026A6



000926

Previews

White Background



This preview shows how the Hex color CDA10E looks on a white background.

Color Contrast Check

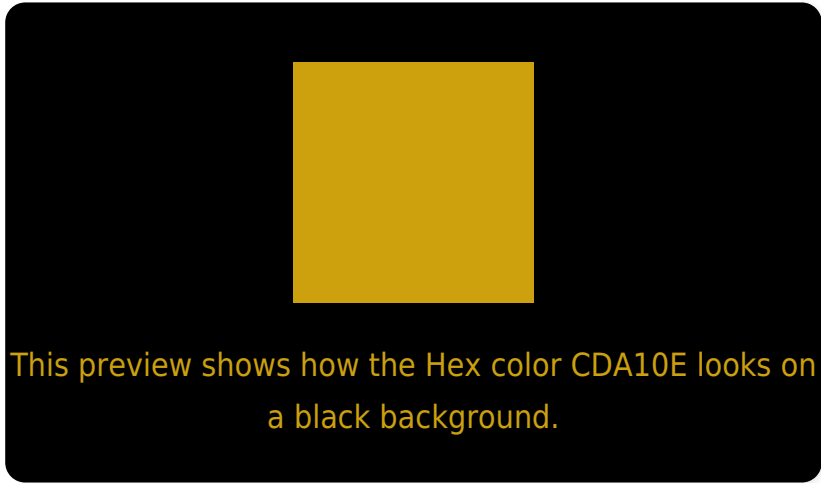
Large Text (above 18pt) WCAG AA × Fail

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 CDA10E Background



This preview shows how black text looks on a background with the Hex color CDA10E.



This preview shows how white text looks on a background with the Hex color CDA10E.

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
CDA10E

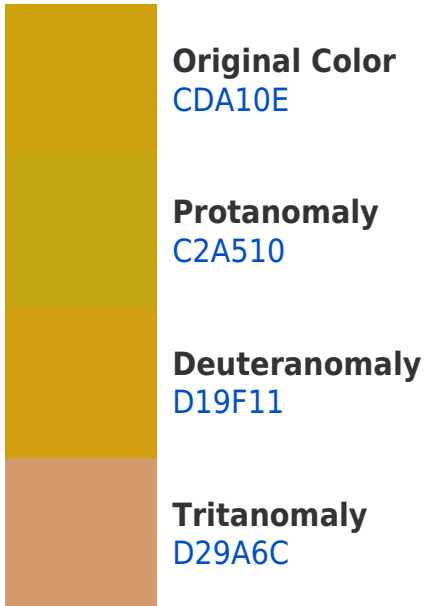
Protanopia
BCA711

Deuteranopia
D39E12



Tritanopia
D596A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA10E 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 #CDA10E looks like.

```
.text, #text, p{  
    color:#CDA10E  
}
```

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 #CDA10E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA10E
}
```

Border

The CSS property to change the border of an element to Hex CDA10E 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
#CDA10E }
```

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

```
.border{ border-color:#CDA10E }
```

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

Here you see how a box with a 4 pixel #CDA10E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA10E; -webkit-box-shadow:4px 4px  
4px 4px #CDA10E; box-shadow:4px 4px 4px  
4px #CDA10E }
```

Background

The CSS property to change the background color of an element to Hex CDA10E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA10E }
```

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

```
.background{ background-color:#CDA10E }
```

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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