

Converting Colors

Hex(CDAE31)

Have a look what the booklet for
Hex(CDAE31) contains.

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Color

Hex(CDAE31)

Conversions

Conversions Part 1

Format	Color
Hex	CDAE31
RGB	205, 174, 49
RGB Percent	80%, 68%, 19%
CMY	0.1961, 0.3176, 0.8078
CMYK	0.00, 0.15, 0.76, 0.20
HSL	48°, 61%, 50%
HSV	48°, 76%, 80%
XYZ	40.8673, 43.4730, 9.1429
YIQ	169.0190, 58.6010, -32.3030

Conversions

Conversions Part 2

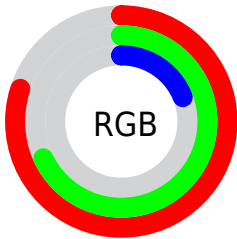
Format	Color
R _Y B	88, 205, 49
Decimal	13479473
CIE Lab	71.87, -1.39, 63.93
CIE LCh	72, 63.943, 91.244
Yxy	43.4730, 0.4372, 0.4650
Android (android.graphics.Color)	4291669553 (0xFFCDAE31)
YUV	169.0190, -59.1694, 31.5553
Hunter-Lab	65.9341, -4.7467, 37.9322

Details

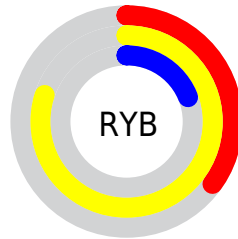
The Hex color **CDAE31** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **3150CD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE568**, and **937A00** is the 20% darker color. If you saturate the color by 10%, you get **CDAA1D**, and if you desaturate by 10%, it is **CDB246**.

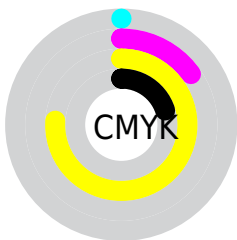
Distribution



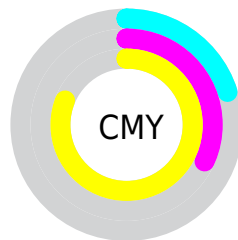
- Red (80%)
- Green (68%)
- Blue (19%)



- Red (35%)
- Yellow (80%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (76%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDAE31 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 CDAE31 by changing the saturation by 10% instead.

 CDAE31

 CDAE31

FFFFFF

 B0940D

 FFE568

 937A00

 FFFF84

 766100

 FFFF9F

 5B4A00

 FFFFBC

 403400

 FFFFFD8

 271F00

 FFFFF6

 070800

 000000

 CDAE31

 CDAE31

■ CDAA1D

■ CDB246

■ CDA608

■ CDB65A

■ CDA400

■ CDBA6F

■ CDBE83

■ CDC298

■ CDC6AC

■ CDCBC1

■ CDCFD5

■ CDD3EA

Harmonies

Analogous

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



FB9848



CDAE31



92BE45

Triad

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



CDAE31



00CBEB



F987E9

Complementary

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



CDAE31



3150CD

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.



B5A0FF



CDAE31



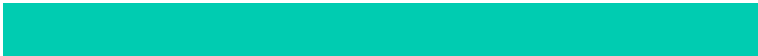
00C5FF

Square

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



CDAE31



00CCB1



14B6FF



FF7AB0

Rectangle

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



CDAE31



5FC563



14B6FF



E78FFA

Sweetspot

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



CDAE31



FFF3C4



CD3150



80785C



000000



808080

Same Dimension

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



CDAE31



FFD117



9ECD31



66645C



A68500



261F00

Inverse Universe

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



3150CD



1745FF



6031CD



5C5E66



0021A6



000826

Previews

White Background



This preview shows how the Hex color CDAE31 looks on a white background.

Color Contrast Check

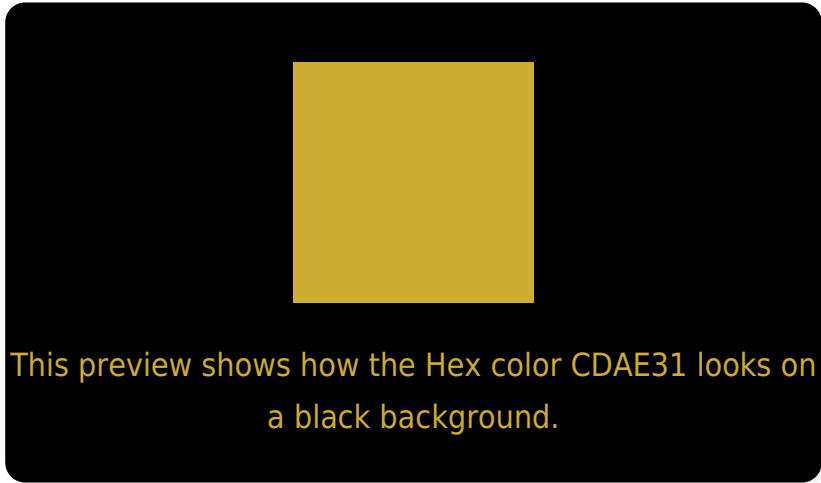
Large Text (above 18pt) WCAG AA × Fail

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 CDAE31 Background



This preview shows how black text looks on a background with the Hex color CDAE31.

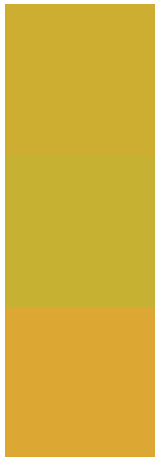


This preview shows how white text looks on a background with the Hex color CDAE31.

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
CDAE31

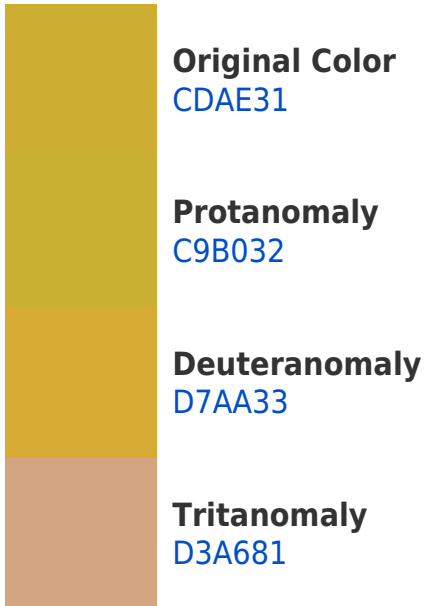
Protanopia
C6B132

Deuteranopia
DDA734



Tritanopia
D6A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDAE31 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 #CDAE31 looks like.

```
.text, #text, p{  
    color:#CDAE31  
}
```

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 #CDAE31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDAE31
}
```

Border

The CSS property to change the border of an element to Hex CDAE31 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
#CDAE31 }
```

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

```
.border{ border-color:#CDAE31 }
```

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

Here you see how a box with a 4 pixel #CDAE31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDAE31; -webkit-box-shadow:4px 4px  
4px 4px #CDAE31; box-shadow:4px 4px 4px  
4px #CDAE31 }
```

Background

The CSS property to change the background color of an element to Hex CDAE31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDAE31 }
```

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

```
.background{ background-color:#CDAE31 }
```

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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