

Converting Colors

Hex(CDE310)

Have a look what the booklet for
Hex(CDE310) contains.

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Color

Hex(CDE310)

Conversions

Conversions Part 1

Format	Color
Hex	CDE310
RGB	205, 227, 16
RGB Percent	80%, 89%, 6%
CMY	0.1961, 0.1098, 0.9373
CMYK	0.10, 0.00, 0.93, 0.11
HSL	66°, 87%, 48%
HSV	66°, 93%, 89%
XYZ	52.7394, 67.9547, 10.8271
YIQ	196.3680, 54.6190, -70.2850

Conversions

Conversions Part 2

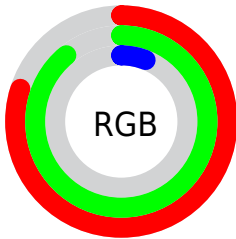
Format	Color
RYB	16, 227, 38
Decimal	13493008
CIELab	85.98, -28.72, 83.18
CIElCh	86, 87.994, 109.048
Yxy	67.9547, 0.4010, 0.5167
Android (android.graphics.Color)	4291683088 (0xFFCDE310)
YUV	196.3680, -88.9214, 7.5703
Hunter-Lab	82.4347, -30.0612, 49.9170

Details

The Hex color **CDE310** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2610E3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF5D**, and **92AC00** is the 20% darker color. If you saturate the color by 10%, you get **CBE300**, and if you desaturate by 10%, it is **CFE327**.

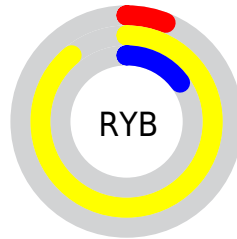
Distribution



Red (80%)

Green (89%)

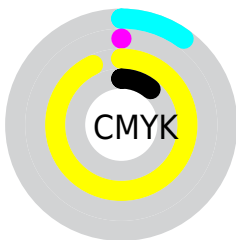
Blue (6%)



Red (6%)

Yellow (89%)

Blue (15%)

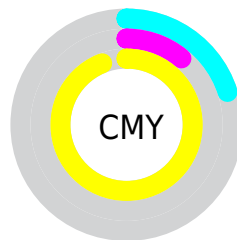


Cyan (10%)

Magenta (0%)

Yellow (93%)

Black (11%)



Cyan (20%)

Magenta (11%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE310 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 CDE310 by changing the saturation by 10% instead.

 CDE310

 CDE310

FFFFFF

 AFC700

 FFFF5D

 92AC00

 FFFF7B

 759100

 FFFF99

 597800

 FFFFB6

 3C5F00

 FFFFD4

 204700

 FFFFF2

 003000

 001D00

 000000

 CDE310

 CDE310

 CBE300

 CFE327

 D2E33D

 D4E354

 D6E36B

 D9E382

 DBE398

 DEE3AF

 E0E3C6

 E2E3DC

Harmonies

Analogous

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



FFC80E



CDE310



63F461

Triad

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



CDE310



00F9FF



FF87F9

Complementary

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



CDE310



2610E3

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.



FFA8FF



CDE310



00EAFF

Square

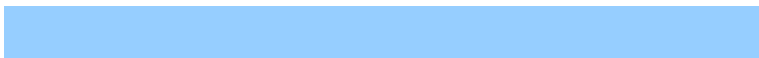
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDE310



00FEFF



96CEFF



FF86A6

Rectangle

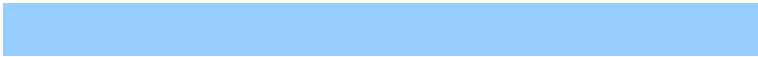
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDE310



00FA98



96CEFF



FF90FF

Sweetspot

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



CDE310



F8FFB8



E32510



7B8054



000000



808080

Same Dimension

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



CDE310



E4FF00



64E310



727367



A0B300



2E3300

Inverse Universe

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



2610E3



1B00FF



8F10E3



686773



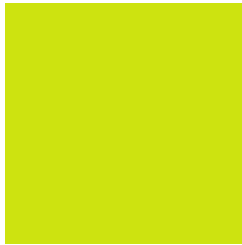
1300B3



050033

Previews

White Background



This preview shows how the Hex color CDE310 looks on a white background.

Color Contrast Check

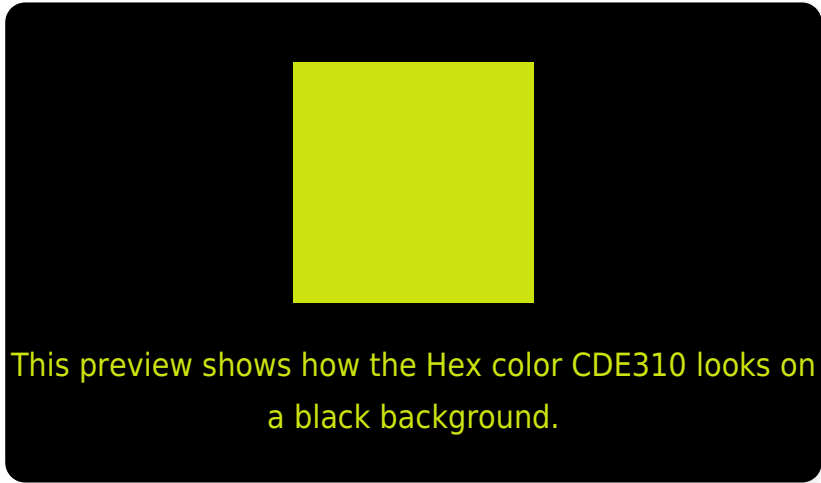
Large Text (above 18pt) WCAG AA × Fail

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 CDE310 Background



This preview shows how black text looks on a background with the Hex color CDE310.

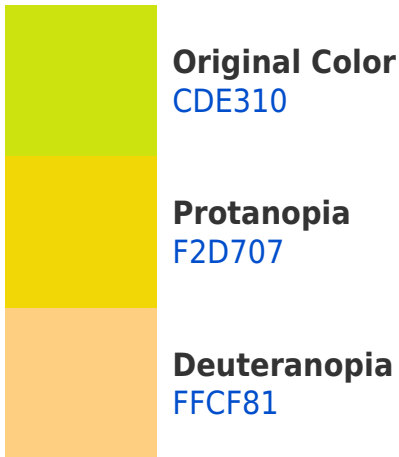


This preview shows how white text looks on a background with the Hex color CDE310.

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](#).

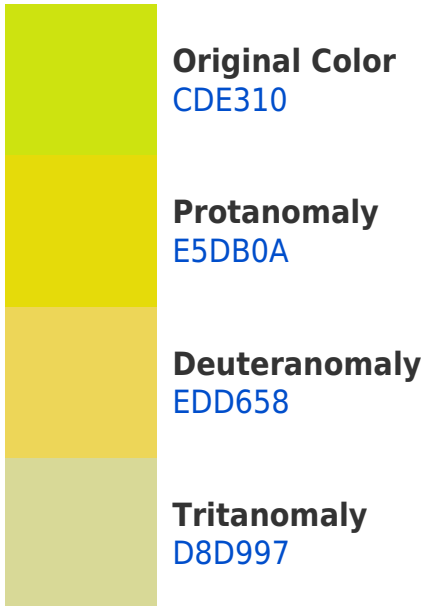
Dichromacy



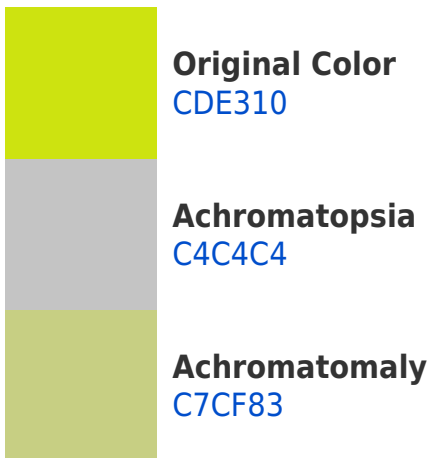


Tritanopia
DED3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE310 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 #CDE310 looks like.

```
.text, #text, p{  
    color:#CDE310  
}
```

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 #CDE310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE310
}
```

Border

The CSS property to change the border of an element to Hex CDE310 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
#CDE310 }
```

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

```
.border{ border-color:#CDE310 }
```

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

Here you see how a box with a 4 pixel #CDE310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE310; -webkit-box-shadow:4px 4px  
4px 4px #CDE310; box-shadow:4px 4px 4px  
4px #CDE310 }
```

Background

The CSS property to change the background color of an element to Hex CDE310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE310 }
```

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

```
.background{ background-color:#CDE310 }
```

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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