

Converting Colors

Hex(C0E100)

Have a look what the booklet for
Hex(C0E100) contains.

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Color

Hex(C0E100)

Conversions

Conversions Part 1

Format	Color
Hex	C0E100
RGB	192, 225, 0
RGB Percent	75%, 88%, 0%
CMY	0.2471, 0.1176, 1.0000
CMYK	0.15, 0.00, 1.00, 0.12
HSL	69°, 100%, 44%
HSV	69°, 100%, 88%
XYZ	48.6634, 65.0569, 9.9924
YIQ	189.4830, 52.5570, -76.9710

Conversions

Conversions Part 2

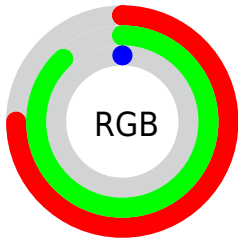
Format	Color
RYB	0, 225, 33
Decimal	12640512
CIELab	84.51, -33.25, 83.09
CIELCh	85, 89.491, 111.809
Yxy	65.0569, 0.3934, 0.5259
Android (android.graphics.Color)	4290830592 (0xFFC0E100)
YUV	189.4830, -93.4151, 2.2074
Hunter-Lab	80.6579, -33.4565, 49.1153

Details

The Hex color **C0E100** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **2100E1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FCFF59**, and **85AA00** is the 20% darker color. If you saturate the color by 10%, you get **C0E100**, and if you desaturate by 10%, it is **C3E116**.

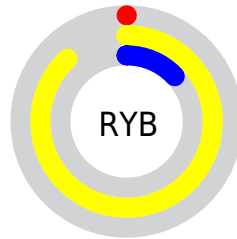
Distribution



Red (75%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (13%)

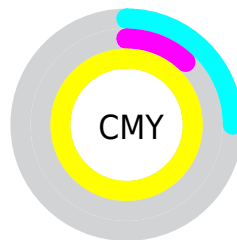


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (25%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E100 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 C0E100 by changing the saturation by 10% instead.

 C0E100

 C0E100

FFFFFF

 A2C500

 FCFF59

 85AA00

 FFFF77

 688F00

 FFFF94

 4C7500

 FFFFB2

 2E5D00

 FFFFCF

 0D4500

 FFFFED

 002E00

 001800

 000000

 C0E100

 C3E116

 C7E12D

 CAE144

 CDE15A

 D1E171

 D4E187

 D7E19D

 DAE1B4

 DEE1CB

Harmonies

Analogous

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



FFC700



C0E100



49F163

Triad

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



C0E100



00F4FF



FF7EEE

Complementary

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



C0E100



2100E1

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.



FF9FFF



C0E100



00E4FF

Square

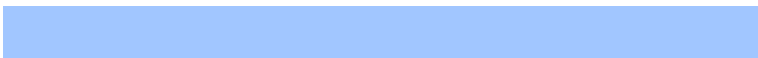
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0E100



00FAFF



A1C6FF



FF8299

Rectangle

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



C0E100



00F79B



A1C6FF



FF87FF

Sweetspot

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



C0E100



F4FFB3



E11E00



798052



000000



808080

Same Dimension

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



C0E100



DAFF00



53E100



6F7065



96B000



293000

Inverse Universe

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



2100E1



2500FF



8F00E1



676570



1A00B0



070030

Previews

White Background



This preview shows how the Hex color C0E100 looks on a white background.

Color Contrast Check

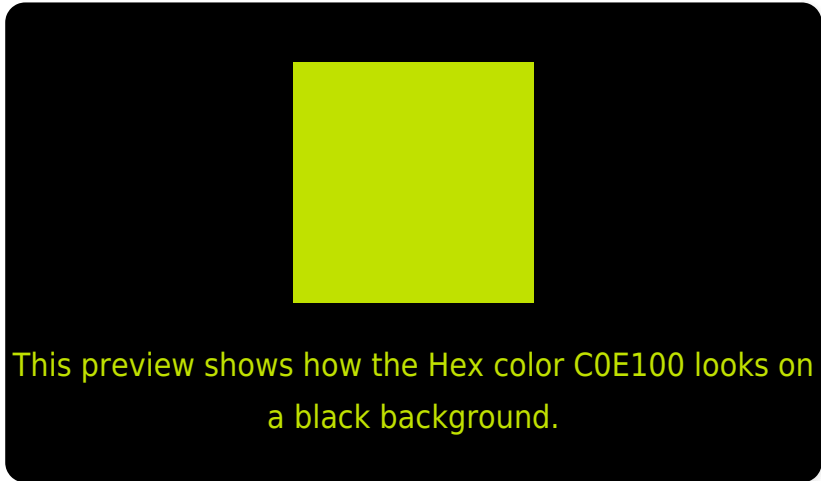
Large Text (above 18pt) WCAG AA × Fail

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 C0E100 Background



This preview shows how black text looks on a background with the Hex color C0E100.

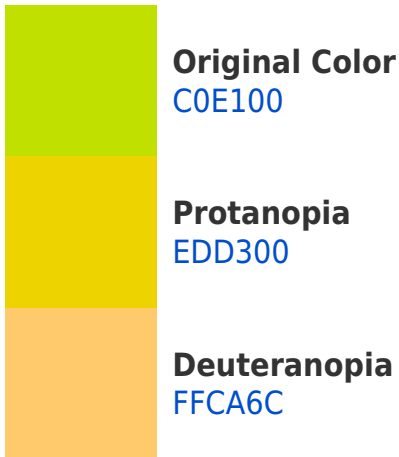


This preview shows how white text looks on a background with the Hex color C0E100.

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](#).

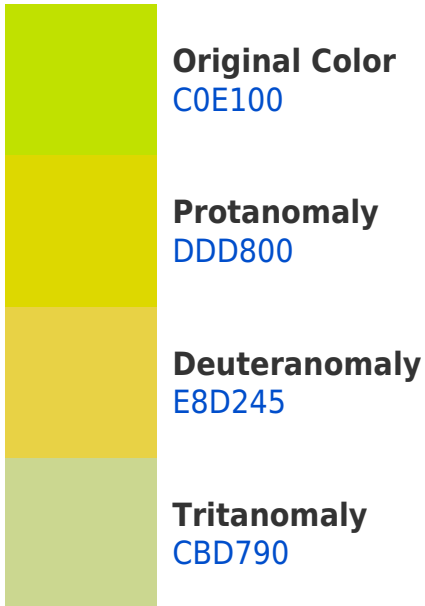
Dichromacy



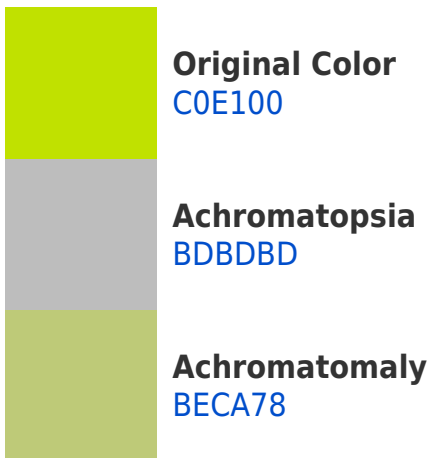


Tritanopia
D2D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0E100 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 #C0E100 looks like.

```
.text, #text, p{  
    color:#C0E100  
}
```

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 #C0E100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E100
}
```

Border

The CSS property to change the border of an element to Hex C0E100 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
#C0E100 }
```

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

```
.border{ border-color:#C0E100 }
```

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

Here you see how a box with a 4 pixel #C0E100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E100; -webkit-box-shadow:4px 4px  
4px 4px #C0E100; box-shadow:4px 4px 4px  
4px #C0E100 }
```

Background

The CSS property to change the background color of an element to Hex C0E100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E100 }
```

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

```
.background{ background-color:#C0E100 }
```

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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