

Converting Colors

Hex(C0E314)

Have a look what the booklet for
Hex(C0E314) contains.

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Color

Hex(C0E314)

Conversions

Conversions Part 1

Format	Color
Hex	C0E314
RGB	192, 227, 20
RGB Percent	75%, 89%, 8%
CMY	0.2471, 0.1098, 0.9216
CMYK	0.15, 0.00, 0.91, 0.11
HSL	70°, 84%, 48%
HSV	70°, 91%, 89%
XYZ	49.3336, 66.1951, 10.8386
YIQ	192.9370, 45.5870, -71.7970

Conversions

Conversions Part 2

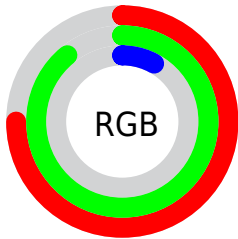
Format	Color
R_{YB}	20, 227, 55
Decimal	12641044
CIE _{Lab}	85.10, -33.93, 81.61
CIE _{LCh}	85, 88.386, 112.576
Yxy	66.1951, 0.3904, 0.5238
Android (android.graphics.Color)	4290831124 (0xFFC0E314)
YUV	192.9370, -85.2579, -0.8217
Hunter-Lab	81.3604, -34.1457, 49.0538

Details

The Hex color **C0E314** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **3714E3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FCFF5E**, and **85AC00** is the 20% darker color. If you saturate the color by 10%, you get **BDE300**, and if you desaturate by 10%, it is **C4E32B**.

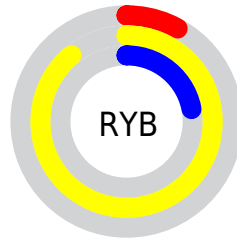
Distribution



Red (75%)

Green (89%)

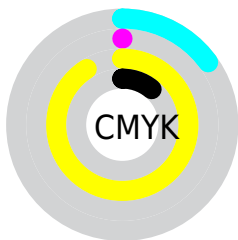
Blue (8%)



Red (8%)

Yellow (89%)

Blue (22%)

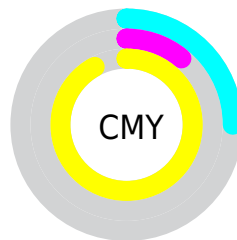


Cyan (15%)

Magenta (0%)

Yellow (91%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E314 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 C0E314 by changing the saturation by 10% instead.

 C0E314

 C0E314

FFFFFF

 A3C700

 FCFF5E

 85AC00

 FFFF7C

 699100

 FFFF99

 4C7700


 FFFFB7

 2F5E00

 FFFFD4

 0D4600

 FFFFF2

 002F00

 001A00

 000000

 C0E314

 C0E314

 BDE300

 C4E32B

 C8E341

 CCE358

 CFE36F

 D3E386

 D7E39C

 DBE3B3

 DFE3CA

 E3E3E0

Harmonies

Analogous

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



FFC900



C0E314



49F268

Triad

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



C0E314



00F5FF



FF82ED

Complementary

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



C0E314



3714E3

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.



FFA1FF



C0E314



00E5FF

Square

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



C0E314



00FBFF



A9C7FF



FF869A

Rectangle

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



C0E314



00F89F



A9C7FF



FF89FF

Sweetspot

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



C0E314



F3FFBA



E33614



798057



000000



808080

Same Dimension

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



C0E314



D4FF00



59E314



717367



94B300



2A3300

Inverse Universe

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



3714E3



2B00FF



9E14E3



696773



1E00B3



090033

Previews

White Background



This preview shows how the Hex color C0E314 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



This preview shows how the Hex color C0E314 looks on a 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 C0E314 Background



This preview shows how black text looks on a background with the Hex color C0E314.

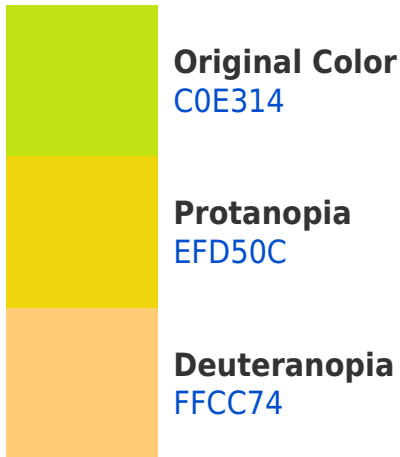


This preview shows how white text looks on a background with the Hex color C0E314.

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](#).

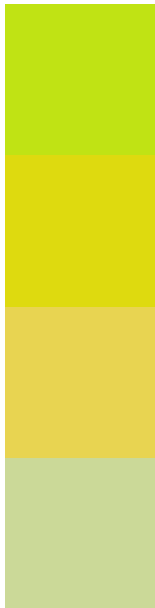
Dichromacy





Tritanopia
D2D3E4

Trichromacy



Original Color
C0E314

Protanomaly
DEDA0F

Deuteranomaly
E8D451

Tritanomaly
CBD998

Monochromacy



Original Color
C0E314

Achromatopsia
C1C1C1

Achromatomaly
C1CD82

CSS Examples

Text

The CSS property to change the color of the text to Hex C0E314 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 #C0E314 looks like.

```
.text, #text, p{  
    color:#C0E314  
}
```

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 #C0E314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E314
}
```

Border

The CSS property to change the border of an element to Hex C0E314 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
#C0E314 }
```

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

```
.border{ border-color:#C0E314 }
```

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

Here you see how a box with a 4 pixel #C0E314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E314; -webkit-box-shadow:4px 4px  
4px 4px #C0E314; box-shadow:4px 4px 4px  
4px #C0E314 }
```

Background

The CSS property to change the background color of an element to Hex C0E314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E314 }
```

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

```
.background{ background-color:#C0E314 }
```

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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