

Converting Colors

Hex(C0E230)

Have a look what the booklet for
Hex(C0E230) contains.

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Color

Hex(C0E230)

Conversions

Conversions Part 1

Format	Color
Hex	C0E230
RGB	192, 226, 48
RGB Percent	75%, 89%, 19%
CMY	0.2471, 0.1137, 0.8118
CMYK	0.15, 0.00, 0.79, 0.11
HSL	71°, 75%, 54%
HSV	71°, 79%, 89%
XYZ	49.4681, 65.8126, 12.8922
YIQ	195.5420, 36.8740, -62.5660

Conversions

Conversions Part 2

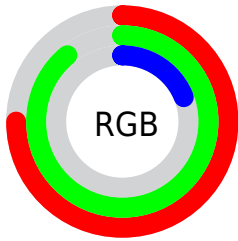
Format	Color
RYB	48, 226, 82
Decimal	12640816
CIELab	84.90, -32.73, 75.76
CIELCh	85, 82.524, 113.364
Yxy	65.8126, 0.3859, 0.5135
Android (android.graphics.Color)	4290830896 (0xFFC0E230)
YUV	195.5420, -72.7382, -3.1063
Hunter-Lab	81.1250, -33.1236, 47.3653

Details

The Hex color **C0E230** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed yellow. A complement of this color would be **5230E2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FCFF6E**, and **86AB00** is the 20% darker color. If you saturate the color by 10%, you get **BCE219**, and if you desaturate by 10%, it is **C4E247**.

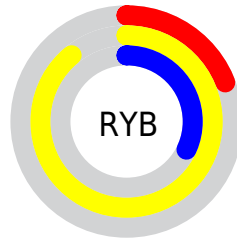
Distribution



Red (75%)

Green (89%)

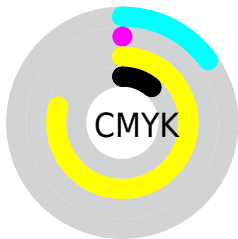
Blue (19%)



Red (19%)

Yellow (89%)

Blue (32%)

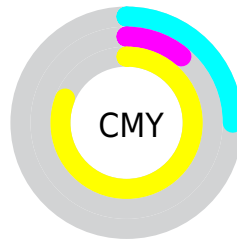


Cyan (15%)

Magenta (0%)

Yellow (79%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E230 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 C0E230 by changing the saturation by 10% instead.

 C0E230

 C0E230

FFFFFF

 A3C600

 FCFF6E

 86AB00


 FFFF8A

 6A9000

 FFFFA7

 4E7600

 FFFFC4

 315D00

 FFFF8A

 114600

 002F00

 001A00

 000000

 C0E230

 C0E230

 BCE219

 C4E247

 B7E203

 C9E25D

 B7E200

 CDE274

 D1E28A

 D6E2A1

 DAE2B8

 DEE2CE

 E3E2E5

 E7E2FB

Harmonies

Analogous

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



FFCA21



C0E230



55F171

Triad

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



C0E230



00F2FF



FF89E9

Complementary

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



C0E230



5230E2

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.



FFA4FF



C0E230



00E2FF

Square

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



C0E230



00F9FF



B3C7FF



FF8E9B

Rectangle

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



C0E230



00F6A4



B3C7FF



FF90FF

Sweetspot

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



C0E230



F3FFC2



E25130



78805B



000000



808080

Same Dimension

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



C0E230



D1FF0D



68E230



6E7065



8EB000



273000

Inverse Universe

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



5230E2



3B0DFF



AA30E2



676570



2200B0



090030

Previews

White Background



This preview shows how the Hex color C0E230 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 C0E230 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 C0E230 Background



This preview shows how black text looks on a background with the Hex color C0E230.

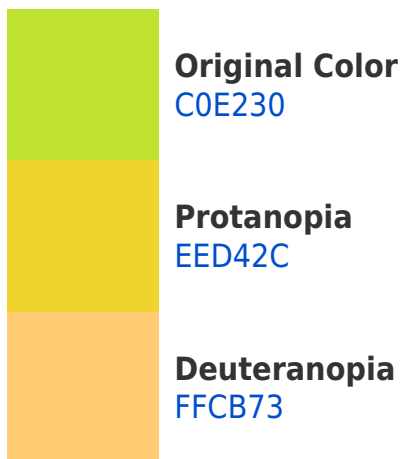


This preview shows how white text looks on a background with the Hex color C0E230.

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
D1D3E3

Trichromacy



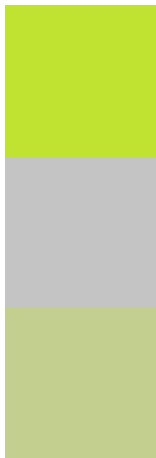
Original Color
C0E230

Protanomaly
DDD92D

Deuteranomaly
E8D35B

Tritanomaly
CBD8A2

Monochromacy



Original Color
C0E230

Achromatopsia
C4C4C4

Achromatomaly
C3CF8E

CSS Examples

Text

The CSS property to change the color of the text to Hex C0E230 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 #C0E230 looks like.

```
.text, #text, p{  
    color:#C0E230  
}
```

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 #C0E230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E230
}
```

Border

The CSS property to change the border of an element to Hex C0E230 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
#C0E230 }
```

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

```
.border{ border-color:#C0E230 }
```

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

Here you see how a box with a 4 pixel #C0E230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E230; -webkit-box-shadow:4px 4px  
4px 4px #C0E230; box-shadow:4px 4px 4px  
4px #C0E230 }
```

Background

The CSS property to change the background color of an element to Hex C0E230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E230 }
```

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

```
.background{ background-color:#C0E230 }
```

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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