

Converting Colors

Hex(C0E602)

Have a look what the booklet for
Hex(C0E602) contains.

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Color

Hex(C0E602)

Conversions

Conversions Part 1

Format	Color
Hex	C0E602
RGB	192, 230, 2
RGB Percent	75%, 90%, 1%
CMY	0.2471, 0.0980, 0.9922
CMYK	0.17, 0.00, 0.99, 0.10
HSL	70°, 98%, 45%
HSV	70°, 99%, 90%
XYZ	50.0460, 67.8045, 10.5073
YIQ	192.6460, 50.5400, -78.9640

Conversions

Conversions Part 2

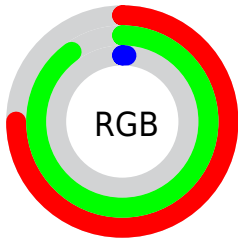
Format	Color
R_YB	2, 230, 40
Decimal	12641794
CIE Lab	85.91, -35.51, 83.97
CIE LCh	86, 91.168, 112.923
Yxy	67.8045, 0.3899, 0.5282
Android (android.graphics.Color)	4290831874 (0xFFC0E602)
YUV	192.6460, -93.9885, -0.5665
Hunter-Lab	82.3435, -35.6139, 50.0748

Details

The Hex color **C0E602** 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 **2802E6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FCFF5A**, and **85AE00** is the 20% darker color. If you saturate the color by 10%, you get **C0E600**, and if you desaturate by 10%, it is **C4E619**.

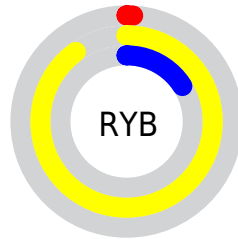
Distribution



Red (75%)

Green (90%)

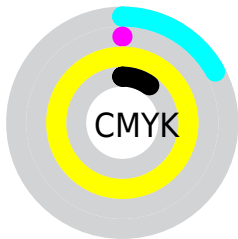
Blue (1%)



Red (1%)

Yellow (90%)

Blue (16%)

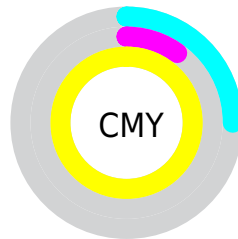


Cyan (17%)

Magenta (0%)

Yellow (99%)

Black (10%)



Cyan (25%)

Magenta (10%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E602 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 C0E602 by changing the saturation by 10% instead.

 C0E602

 C0E602

FFFFFF

 A2CA00

 FCFF5A

 85AE00

 FFFF78

 689400

 FFFF96

 4C7A00

 FFFFB3

 2D6100

 FFFFD1

 094900

 FFFFEE

 003100

 001D00

 000000

 C0E602

 C0E602

 C0E600

 C4E619

 C8E630

 CBE647

 CFE65E

 D3E675

 D7E68C

 DBE6A3

 DFE6BA

 E3E6D1

Harmonies

Analogous

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



FFCC00



C0E602



40F667

Triad

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



C0E602



00F8FF



FF7FEF

Complementary

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



C0E602



2802E6

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.



FFA0FF



C0E602



00E7FF

Square

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



C0E602



00FEFF



ABC9FF



FF8499

Rectangle

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



C0E602



00FBA1



ABC9FF



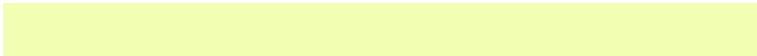
FF87FF

Sweetspot

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



C0E602



F2FFB3



E62802



788052



000000



808080

Same Dimension

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



C0E602



D4FF00



4EE602



717367



95B300



2B3300

Inverse Universe

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



2802E6



2A00FF



9A02E6



696773



1E00B3



080033

Previews

White Background



This preview shows how the Hex color C0E602 looks on a white background.

Color Contrast Check

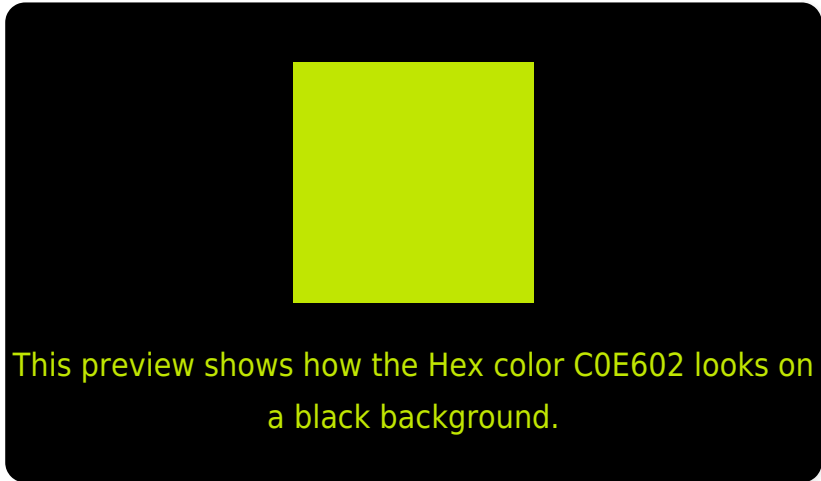
Large Text (above 18pt) WCAG AA × Fail

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 C0E602 Background



This preview shows how black text looks on a background with the Hex color C0E602.

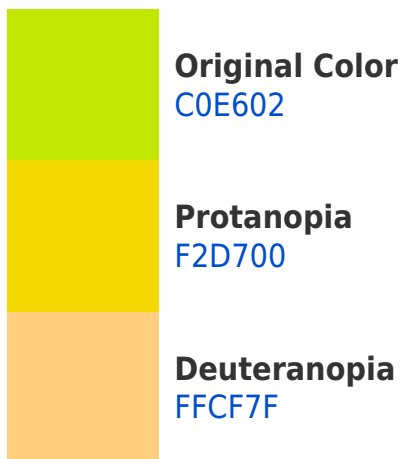


This preview shows how white text looks on a background with the Hex color C0E602.

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](#).

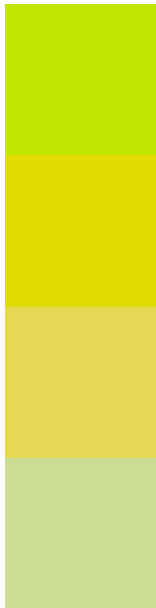
Dichromacy





Tritanopia
D2D6E7

Trichromacy



Original Color
C0E602

Protanomaly
E0DC01

Deuteranomaly
E8D752

Tritanomaly
CBDC94

Monochromacy



Original Color
C0E602

Achromatopsia
C1C1C1

Achromatomaly
C1CE7C

CSS Examples

Text

The CSS property to change the color of the text to Hex C0E602 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 #C0E602 looks like.

```
.text, #text, p{  
    color:#C0E602  
}
```

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 #C0E602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E602
}
```

Border

The CSS property to change the border of an element to Hex C0E602 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
#C0E602 }
```

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

```
.border{ border-color:#C0E602 }
```

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

Here you see how a box with a 4 pixel #C0E602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E602; -webkit-box-shadow:4px 4px  
4px 4px #C0E602; box-shadow:4px 4px 4px  
4px #C0E602 }
```

Background

The CSS property to change the background color of an element to Hex C0E602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E602 }
```

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

```
.background{ background-color:#C0E602 }
```

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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