

# Converting Colors

Hex(C0E73A)

Have a look what the booklet for  
Hex(C0E73A) contains.

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**Color**

**Hex(C0E73A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E73A
RGB	192, 231, 58
RGB Percent	75%, 91%, 23%
CMY	0.2471, 0.0941, 0.7725
CMYK	0.17, 0.00, 0.75, 0.09
HSL	74°, 78%, 57%
HSV	74°, 75%, 91%
XYZ	51.0779, 68.6638, 14.5643
YIQ	199.6170, 32.2890, -62.0710

# Conversions

## Conversions Part 2

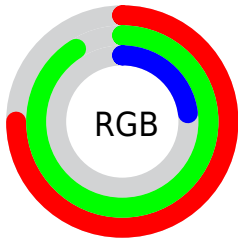
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 231, 97
Decimal	12642106
CIELab	86.34, -34.60, 74.16
CIELCh	86, 81.835, 115.013
Yxy	68.6638, 0.3803, 0.5112
Android (android.graphics.Color)	4290832186 (0xFFC0E73A)
YUV	199.6170, -69.8172, -6.6801
Hunter-Lab	82.8636, -34.9823, 47.5836

# Details

The Hex color **C0E73A** 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 **613AE7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FCFF75**, and **86AF00** is the 20% darker color. If you saturate the color by 10%, you get **BBE723**, and if you desaturate by 10%, it is **C5E751**.

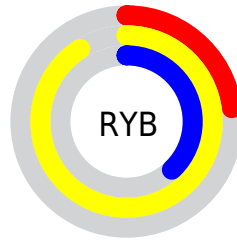
# Distribution



Red (75%)

Green (91%)

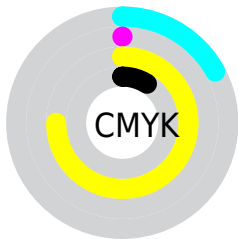
Blue (23%)



Red (23%)

Yellow (91%)

Blue (38%)

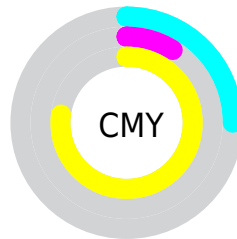


Cyan (17%)

Magenta (0%)

Yellow (75%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E73A 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 C0E73A by changing the saturation by 10% instead.



 C0E73A

 C0E73A

FFFFFF

 A3CB12

 FCFF75

 86AF00

 FFFF92

 6A9500

 FFFFAF

 4E7B00

 FFFFCC

 316200

 FFFFEE9

 0F4900

 003200

 001E00

 000000

 C0E73A

 C0E73A

 BBE723

 C5E751

 B6E70C

 CAE768

 B3E700

 D0E77F

 D5E796

 DAE7AD

 DFE7C5

 E4E7DC

 EAE7F3

 EFE7FF

# Harmonies

## Analogous

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



FFD028



C0E73A



53F57A

# Triad

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



C0E73A



00F6FF



FF8EE8

# Complementary

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



C0E73A



613AE7

# 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.



FFA7FF



C0E73A



00E5FF

# Square

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



C0E73A



00FCFF



C0C9FF



FF949B

# Rectangle

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



C0E73A



00FAAD



C0C9FF



FF94FF

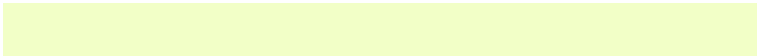


# Sweetspot

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



C0E73A



F2FFC7



E75F3A



78805E



000000



808080



# Same Dimension

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



C0E73A



CBFF19



6BE73A



707367



8AB300



283300



# Inverse Universe

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



613AE7



4D19FF



B63AE7



6A6773



2800B3



0B0033



# Previews

## White Background



This preview shows how the Hex color C0E73A looks on a white background.

## Color Contrast Check

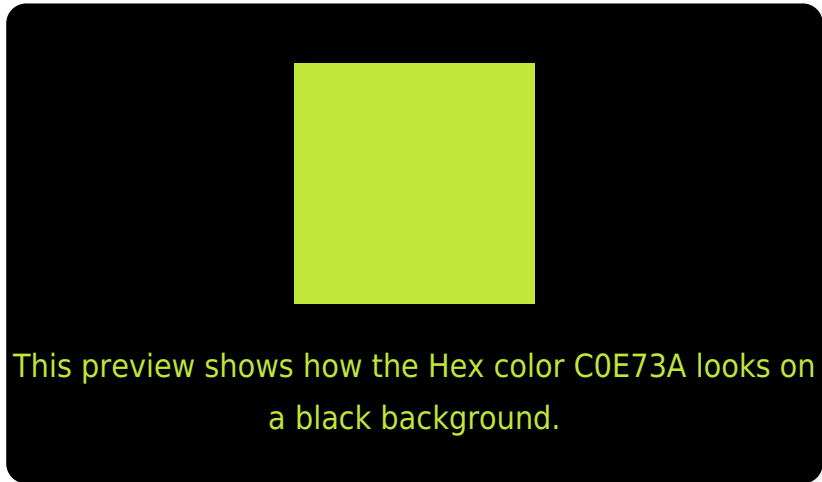
Large Text (above 18pt) WCAG AA × Fail

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 C0E73A Background



This preview shows how black text looks on a background with the Hex color C0E73A.

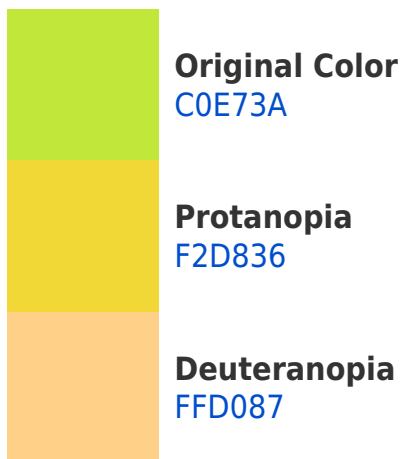


This preview shows how white text looks on a background with the Hex color C0E73A.

# 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**  
D2D7E8

# Trichromacy



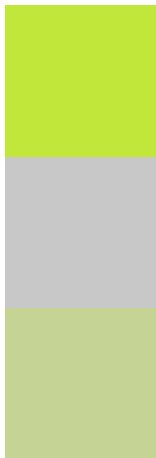
**Original Color**  
C0E73A

**Protanomaly**  
E0DD37

**Deuteranomaly**  
E8D86B

**Tritanomaly**  
CBDDA9

# Monochromacy



**Original Color**  
C0E73A

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C5D394

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E73A 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 #C0E73A looks like.

```
.text, #text, p{  
    color:#C0E73A  
}
```

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 #C0E73A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E73A
}
```

## Border

The CSS property to change the border of an element to Hex C0E73A 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
#C0E73A }
```

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

```
.border{ border-color:#C0E73A }
```

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

Here you see how a box with a 4 pixel #C0E73A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E73A; -webkit-box-shadow:4px 4px  
4px 4px #C0E73A; box-shadow:4px 4px 4px  
4px #C0E73A }
```

# Background

The CSS property to change the background color of an element to Hex C0E73A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E73A }
```

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

```
.background{ background-color:#C0E73A }
```

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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