

# Converting Colors

Hex(E0E33C)

Have a look what the booklet for  
Hex(E0E33C) contains.

<b>Hex(E0E33C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**E0E33C**)

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E33C
RGB	224, 227, 60
RGB Percent	88%, 89%, 24%
CMY	0.1216, 0.1098, 0.7647
CMYK	0.01, 0.00, 0.74, 0.11
HSL	61°, 75%, 56%
HSV	61°, 74%, 89%
XYZ	59.0252, 71.1117, 14.8899
YIQ	207.0650, 51.8190, -52.5730

# Conversions

## Conversions Part 2

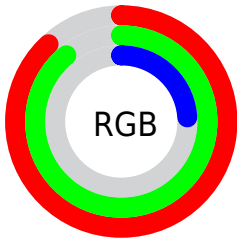
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 227, 63
Decimal	14738236
CIELab	87.54, -19.71, 75.48
CIELCh	88, 78.006, 104.634
Yxy	71.1117, 0.4070, 0.4903
Android (android.graphics.Color)	4292928316 (0xFFE0E33C)
YUV	207.0650, -72.5030, 14.8520
Hunter-Lab	84.3278, -22.6326, 48.5605

# Details

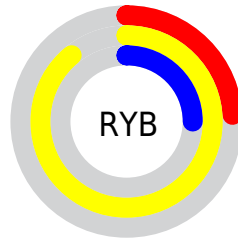
The Hex color **E0E33C** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3F3CE3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF77**, and **A5AC00** is the 20% darker color. If you saturate the color by 10%, you get **E0E325**, and if you desaturate by 10%, it is **E0E353**.

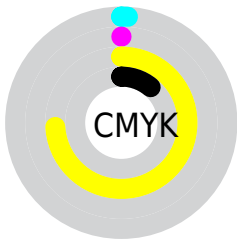
# Distribution



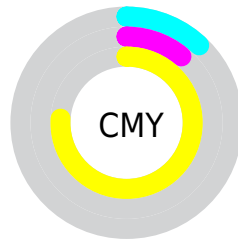
- Red (88%)
- Green (89%)
- Blue (24%)



- Red (24%)
- Yellow (89%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (74%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0E33C 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 E0E33C by changing the saturation by 10% instead.



 E0E33C

 E0E33C

FFFFFF

 C2C716

 FFFF77

 A5AC00

 FFFF94

 889100

 FFFFB0

 6C7800

 FFFFCE

 505F00

 FFFFEB

 354800

 1B3100

 001D00

 000000

 E0E33C

 E0E33C

 E0E325

 E0E353

 DFE30F

 E1E369

 DFE300

 E1E380

 E2E397

 E2E3AE

 E2E3C4

 E3E3DB

 E3E3F2

 E4E3FF

# Harmonies

## Analogous

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



FFCA43



E0E33C



8BF46B

# Triad

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



E0E33C



00FBFF



FF9CFF

# Complementary

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



E0E33C



3F3CE3

# 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.



FFB8FF



E0E33C



00EEFF

# Square

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



E0E33C



00FFFF



92D7FF



FF97BA

# Rectangle

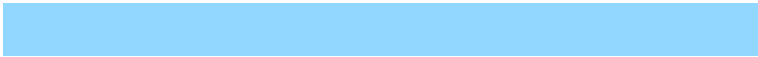
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0E33C



15FA99



92D7FF



FFA4FF

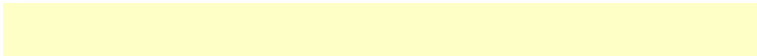


# Sweetspot

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



E0E33C



FEFFC7



E33F3C



7F805E



000000



808080



# Same Dimension

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



E0E33C



FBFF1F



8DE33C



737367



AFB300



323300



# Inverse Universe

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



3F3CE3



231FFF



923CE3



676773



0300B3



010033



# Previews

## White Background



This preview shows how the Hex color E0E33C looks on a white background.

## Color Contrast Check

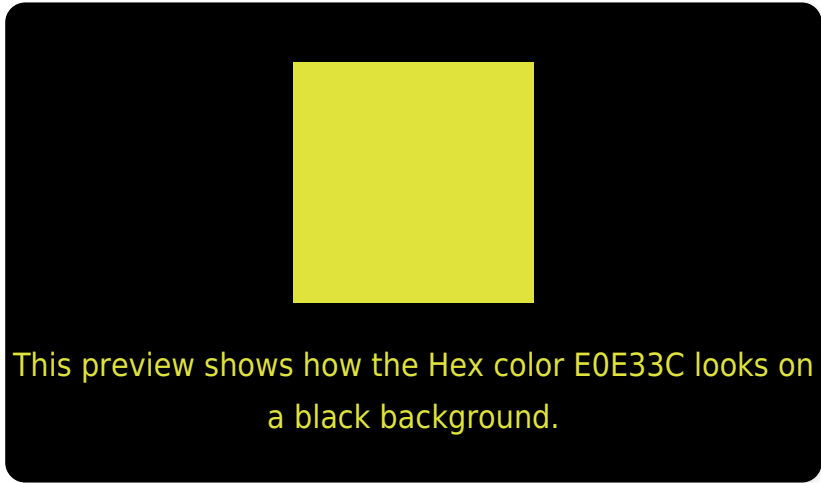
Large Text (above 18pt) WCAG AA × Fail

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 E0E33C Background



This preview shows how black text looks on a background with the Hex color E0E33C.



This preview shows how white text looks on a background with the Hex color E0E33C.

# 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



**Original Color**  
E0E33C

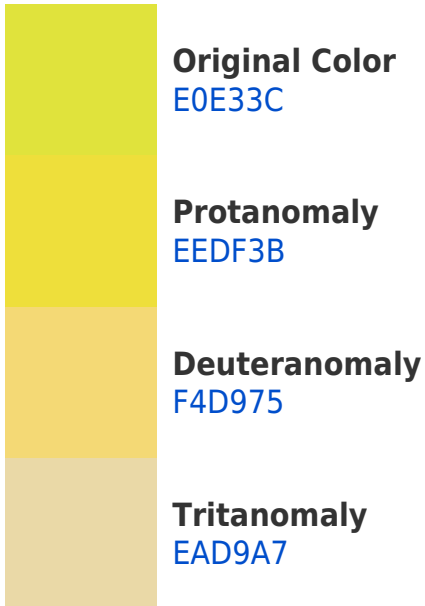
**Protanopia**  
F6DC3A

**Deuteranopia**  
FFD496

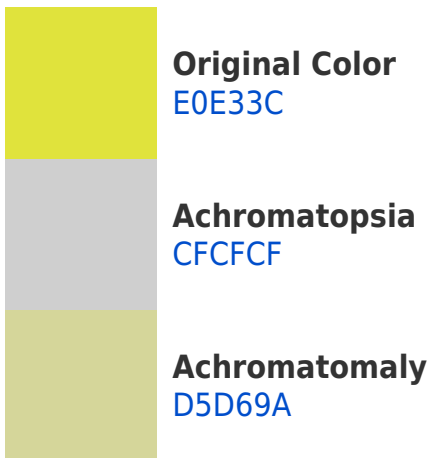


**Tritanopia**  
EFD4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0E33C 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 #E0E33C looks like.

```
.text, #text, p{  
    color:#E0E33C  
}
```

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 #E0E33C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E33C
}
```

## Border

The CSS property to change the border of an element to Hex E0E33C 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
#E0E33C }
```

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

```
.border{ border-color:#E0E33C }
```

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

Here you see how a box with a 4 pixel #E0E33C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0E33C; -webkit-box-shadow:4px 4px  
4px 4px #E0E33C; box-shadow:4px 4px 4px  
4px #E0E33C }
```

# Background

The CSS property to change the background color of an element to Hex E0E33C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0E33C }
```

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

```
.background{ background-color:#E0E33C }
```

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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