

Converting Colors

Hex(E3C933)

Have a look what the booklet for
Hex(E3C933) contains.

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Color

Hex(E3C933)

Conversions

Conversions Part 1

Format	Color
Hex	E3C933
RGB	227, 201, 51
RGB Percent	89%, 79%, 20%
CMY	0.1098, 0.2118, 0.8000
CMYK	0.00, 0.11, 0.78, 0.11
HSL	51°, 76%, 55%
HSV	51°, 78%, 89%
XYZ	53.1627, 58.3432, 11.5914
YIQ	191.6740, 63.6460, -41.1380

Conversions

Conversions Part 2

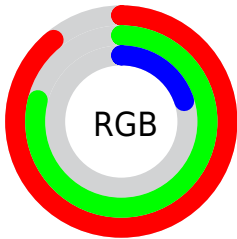
Format	Color
RYB	82, 227, 51
Decimal	14928179
CIELab	80.93, -5.83, 72.33
CIELCh	81, 72.566, 94.611
Yxy	58.3432, 0.4319, 0.4740
Android (android.graphics.Color)	4293118259 (0xFFE3C933)
YUV	191.6740, -69.3523, 30.9809
Hunter-Lab	76.3827, -9.4329, 44.4704

Details

The Hex color **E3C933** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **334DE3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF6D**, and **A79300** is the 20% darker color. If you saturate the color by 10%, you get **E3C61C**, and if you desaturate by 10%, it is **E3CC4A**.

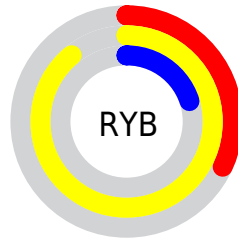
Distribution



Red (89%)

Green (79%)

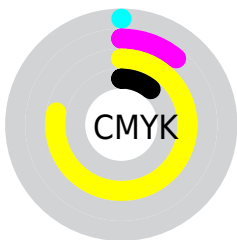
Blue (20%)



Red (32%)

Yellow (89%)

Blue (20%)

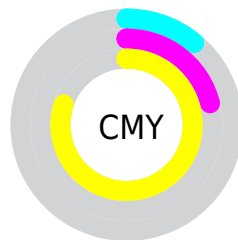


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3C933 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 E3C933 by changing the saturation by 10% instead.

 E3C933

 E3C933

FFFFFF

 C5AE08

 FFFF6D

 A79300

 FFFF8A

 8A7A00

 FFFFA6

 6E6100

 FFFFC3

 524A00

 FFFFEO

 383400

FFFFFFD

 1F1F00

 000600

 000000

 E3C933

 E3C933

 E3C61C

 E3CC4A

 E3C206

 E3D060

 E3C100

 E3D377

 E3D68E

 E3DAA4

 E3DDBB

 E3E0D2

 E3E4E9

 E3E7FF

Harmonies

Analogous

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



FFB04B



E3C933



9DDB51

Triad

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



E3C933



00E8FF



FF96FF

Complementary

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



E3C933



334DE3

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.



D9B2FF



E3C933



00DFFF

Square

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



E3C933



00EAD2



3CCDFE



FF89C1

Rectangle

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



E3C933



5CE376



3CCDFE



FF9FFF

Sweetspot

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



E3C933



FFF6C4



E3334D



807A5C



000000



808080

Same Dimension

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



E3C933



FFDC12



A5E333



737167



B39800



332B00

Inverse Universe

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



334DE3



1235FF



7133E3



676973



001AB3



000833

Previews

White Background



This preview shows how the Hex color E3C933 looks on a white background.

Color Contrast Check

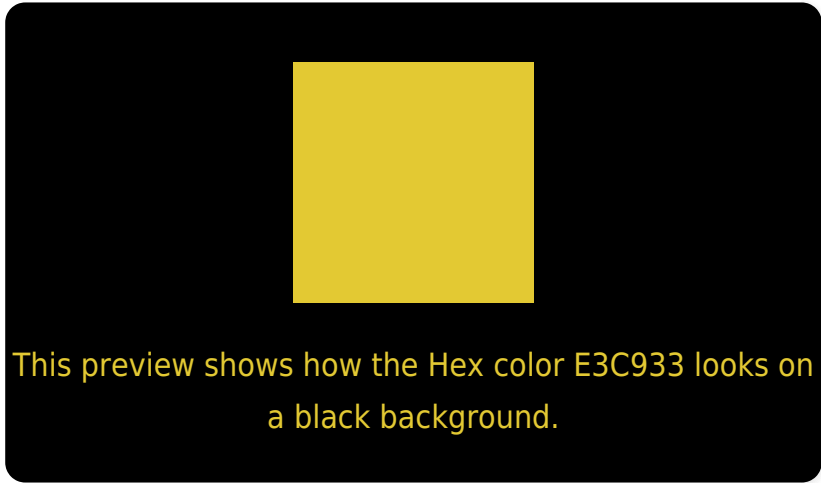
Large Text (above 18pt) WCAG AA × Fail

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 E3C933 Background



This preview shows how black text looks on a background with the Hex color E3C933.

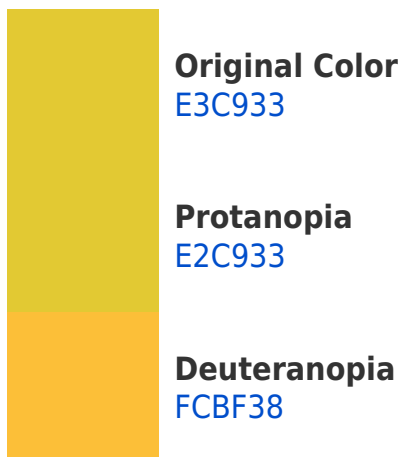


This preview shows how white text looks on a background with the Hex color E3C933.

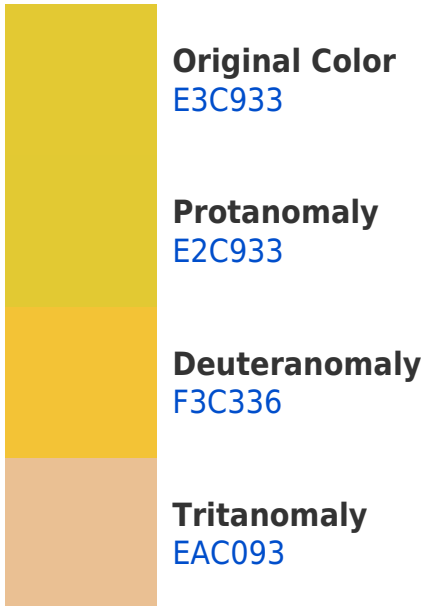
Color Blindness Simulation

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](#).

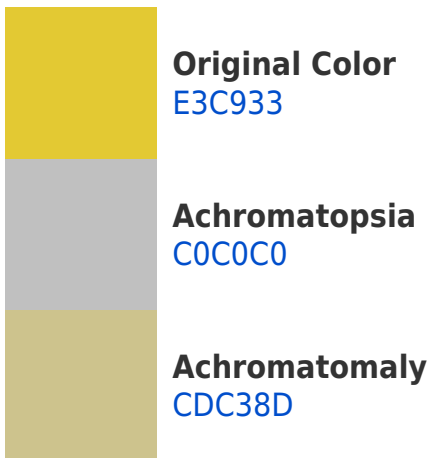
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3C933 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 #E3C933 looks like.

```
.text, #text, p{  
    color:#E3C933  
}
```

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 #E3C933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C933
}
```

Border

The CSS property to change the border of an element to Hex E3C933 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
#E3C933 }
```

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

```
.border{ border-color:#E3C933 }
```

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

Here you see how a box with a 4 pixel #E3C933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C933; -webkit-box-shadow:4px 4px  
4px 4px #E3C933; box-shadow:4px 4px 4px  
4px #E3C933 }
```

Background

The CSS property to change the background color of an element to Hex E3C933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C933 }
```

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

```
.background{ background-color:#E3C933 }
```

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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