

Converting Colors

Hex(ECE50E)

Have a look what the booklet for
Hex(ECE50E) contains.

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Color

Hex(ECE50E)

Conversions

Conversions Part 1

Format	Color
Hex	ECE50E
RGB	236, 229, 14
RGB Percent	93%, 90%, 5%
CMY	0.0745, 0.1020, 0.9451
CMYK	0.00, 0.03, 0.94, 0.07
HSL	58°, 89%, 49%
HSV	58°, 94%, 93%
XYZ	62.6906, 73.9032, 11.3761
YIQ	206.5830, 73.1870, -65.3810

Conversions

Conversions Part 2

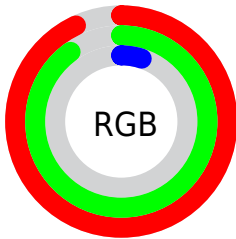
Format	Color
R _Y B	21, 236, 14
Decimal	15525134
CIE Lab	88.88, -16.82, 86.62
CIE LCh	89, 88.242, 100.988
Yxy	73.9032, 0.4237, 0.4994
Android (android.graphics.Color)	4293715214 (0xFFECE50E)
YUV	206.5830, -94.9434, 25.7987
Hunter-Lab	85.9670, -20.2727, 52.3310

Details

The Hex color **ECE50E** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **0E15EC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF5E**, and **AFAE00** is the 20% darker color. If you saturate the color by 10%, you get **ECE500**, and if you desaturate by 10%, it is **ECE626**.

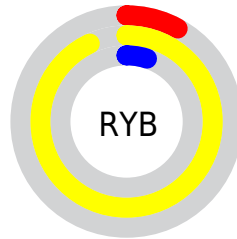
Distribution



Red (93%)

Green (90%)

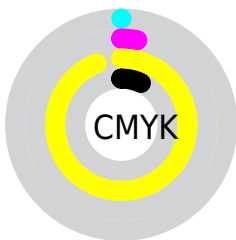
Blue (5%)



Red (8%)

Yellow (93%)

Blue (5%)

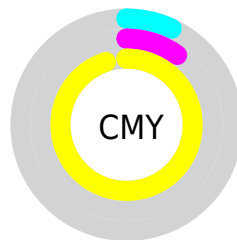


Cyan (0%)

Magenta (3%)

Yellow (94%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECE50E 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 ECE50E by changing the saturation by 10% instead.

 ECE50E

 ECE50E

FFFFFF

 CDC900

 FFFF5E

 AFAE00

 FFFF7C

 929400

 FFFF9A

 757A00

 FFFFB7

 586100

 FFFFD5

 3D4A00

 FFFFF3

 233300

 061F00

 000000

 ECE50E

 ECE50E

 ECE500

 ECE626

 ECE63D

 ECE755

 ECE86C

 ECE984

 ECE99C

 ECEAB3

 ECEBCB

 ECECE2

Harmonies

Analogous

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



FFC730



ECE50E



8EF954

Triad

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



ECE50E



00FFFF



FF96FF

Complementary

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



ECE50E



0E15EC

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.



FFBBFF



ECE50E



00F7FF

Square

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



ECE50E



00FFFD



5BDFFF



FF8BC4

Rectangle

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



ECE50E



00FF89



5BDFFF



FFA1FF

Sweetspot

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



ECE50E



FFFDB8



EC0E15



807E54



000000



808080

Same Dimension

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



ECE50E



FFF700



84EC0E



75756A



B5AF00



363400

Inverse Universe

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



0E15EC



0008FF



760EEC



6A6A75



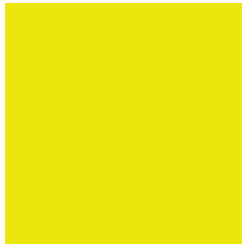
0006B5



000236

Previews

White Background



This preview shows how the Hex color ECE50E looks on a white background.

Color Contrast Check

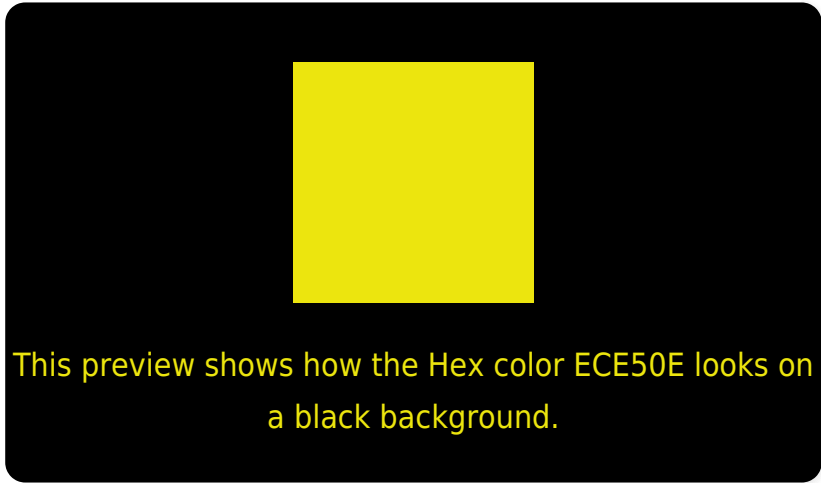
Large Text (above 18pt) WCAG AA × Fail

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 ECE50E Background



This preview shows how black text looks on a background with the Hex color ECE50E.

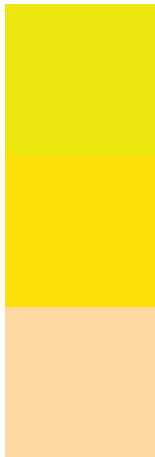


This preview shows how white text looks on a background with the Hex color ECE50E.

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

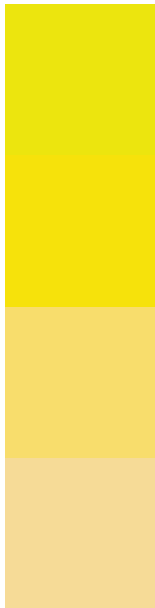


Original Color
ECE50E

Protanopia
FCE00A

Deuteranopia
FFD9A2

Trichromacy



Original Color
ECE50E

Protanomaly
F6E20B

Deuteranomaly
F8DD6C

Tritanomaly
F6DB97

Monochromacy



Original Color
ECE50E

Achromatopsia
CFCFCF

Achromatomaly
DAD789

CSS Examples

Text

The CSS property to change the color of the text to Hex ECE50E 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 #ECE50E looks like.

```
.text, #text, p{  
    color:#ECE50E  
}
```

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 #ECE50E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE50E
}
```

Border

The CSS property to change the border of an element to Hex ECE50E 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
#ECE50E }
```

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

```
.border{ border-color:#ECE50E }
```

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

Here you see how a box with a 4 pixel #ECE50E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE50E; -webkit-box-shadow:4px 4px  
4px 4px #ECE50E; box-shadow:4px 4px 4px  
4px #ECE50E }
```

Background

The CSS property to change the background color of an element to Hex ECE50E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE50E }
```

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

```
.background{ background-color:#ECE50E }
```

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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