

Converting Colors

Hex(ECE935)

Have a look what the booklet for
Hex(ECE935) contains.

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Color

Hex(ECE935)

Conversions

Conversions Part 1

Format	Color
Hex	ECE935
RGB	236, 233, 53
RGB Percent	93%, 91%, 21%
CMY	0.0745, 0.0863, 0.7922
CMYK	0.00, 0.01, 0.78, 0.07
HSL	59°, 83%, 57%
HSV	59°, 78%, 93%
XYZ	64.3736, 76.3677, 14.7158
YIQ	213.3770, 59.5680, -55.3440

Conversions

Conversions Part 2

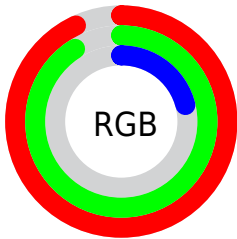
Format	Color
RYB	56, 236, 53
Decimal	15526197
CIELab	90.03, -17.93, 80.17
CIELCh	90, 82.153, 102.605
Yxy	76.3677, 0.4141, 0.4912
Android (android.graphics.Color)	4293716277 (0xFFECE935)
YUV	213.3770, -79.0659, 19.8404
Hunter-Lab	87.3886, -21.4406, 51.1879

Details

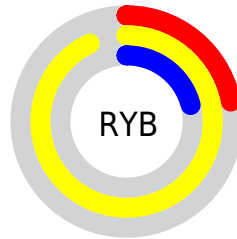
The Hex color **ECE935** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3538EC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF73**, and **B0B200** is the 20% darker color. If you saturate the color by 10%, you get **ECE91D**, and if you desaturate by 10%, it is **ECE94D**.

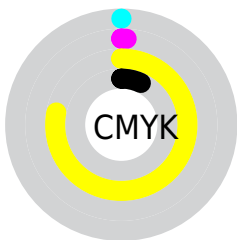
Distribution



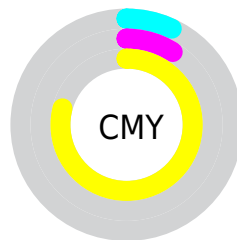
- Red (93%)
- Green (91%)
- Blue (21%)



- Red (22%)
- Yellow (93%)
- Blue (21%)



- Cyan (0%)
- Magenta (1%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECE935 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 ECE935 by changing the saturation by 10% instead.

 ECE935

 ECE935

FFFFFF

 CECD00

 FFFF73

 B0B200

 FFFF90

 939700

 FFFFAD

 767D00

 FFFFCA

 5A6500

 FFFFEB

 3E4D00

 243600

 092100

 000000

 ECE935

 ECE935

 ECE91D

 ECE94D

 ECE806

 ECEA64

 ECE800

 ECEA7C

 ECEB93

 ECEBAB

 ECEBC3

 ECECDA

 ECECF2

 ECECFE

Harmonies

Analogous

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



FFCE42



ECE935



94FB67

Triad

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



ECE935



00FFFF



FFA0FF

Complementary

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



ECE935



3538EC

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.



FFBFFF



ECE935



00F8FF

Square

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



ECE935



00FFFF



84E0FF



FF98C4

Rectangle

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



ECE935



21FF96



84E0FF



FFA9FF

Sweetspot

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



ECE935



FFFE4



EC3538



807F5C



000000



808080

Same Dimension

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



ECE935



FFFB12



94EC35



75756A



B5B200



363500

Inverse Universe

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



3538EC



1216FF



8D35EC



6A6A75



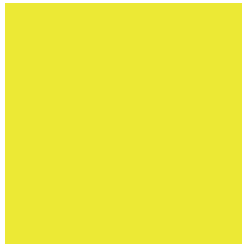
0003B5



000136

Previews

White Background



This preview shows how the Hex color ECE935 looks on a white background.

Color Contrast Check

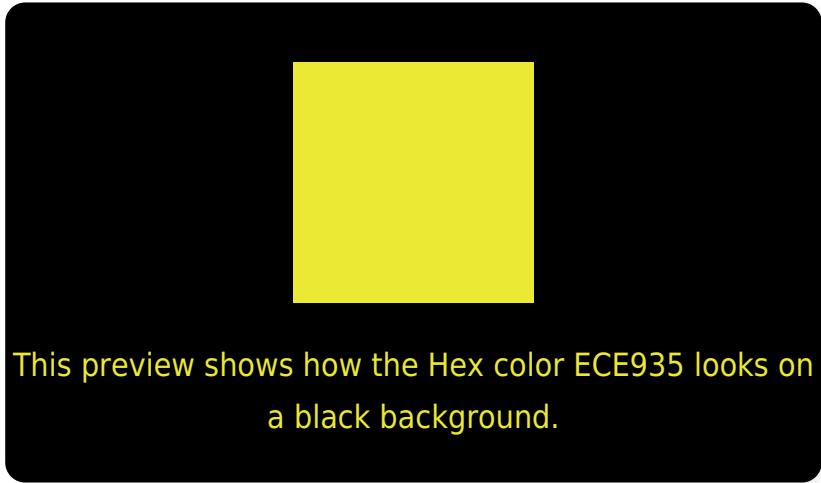
Large Text (above 18pt) WCAG AA × Fail

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 ECE935 Background



This preview shows how black text looks on a background with the Hex color ECE935.

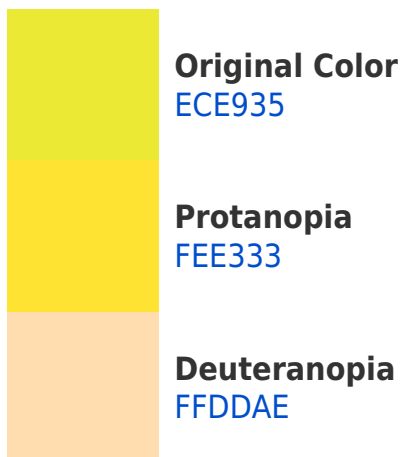


This preview shows how white text looks on a background with the Hex color ECE935.

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](#).

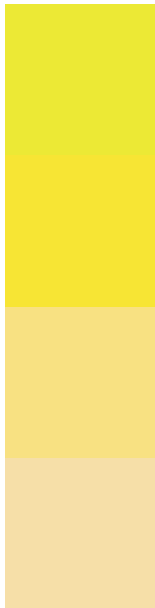
Dichromacy





Tritanopia
FBD9EA

Trichromacy



Original Color
ECE935

Protanomaly
F7E534

Deuteranomaly
F8E182

Tritanomaly
F6DFA8

Monochromacy



Original Color
ECE935

Achromatopsia
D5D5D5

Achromatomaly
DDDC9B

CSS Examples

Text

The CSS property to change the color of the text to Hex ECE935 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 #ECE935 looks like.

```
.text, #text, p{  
    color:#ECE935  
}
```

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 #ECE935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE935
}
```

Border

The CSS property to change the border of an element to Hex ECE935 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
#ECE935 }
```

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

```
.border{ border-color:#ECE935 }
```

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

Here you see how a box with a 4 pixel #ECE935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE935; -webkit-box-shadow:4px 4px  
4px 4px #ECE935; box-shadow:4px 4px 4px  
4px #ECE935 }
```

Background

The CSS property to change the background color of an element to Hex ECE935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE935 }
```

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

```
.background{ background-color:#ECE935 }
```

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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