

Converting Colors

Hex(ECE74B)

Have a look what the booklet for
Hex(ECE74B) contains.

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Color

Hex(ECE74B)

Conversions

Conversions Part 1

Format	Color
Hex	ECE74B
RGB	236, 231, 75
RGB Percent	93%, 91%, 29%
CMY	0.0745, 0.0941, 0.7059
CMYK	0.00, 0.02, 0.68, 0.07
HSL	58°, 81%, 61%
HSV	58°, 68%, 93%
XYZ	64.4380, 75.4927, 17.8319
YIQ	214.7110, 53.0560, -47.4560

Conversions

Conversions Part 2

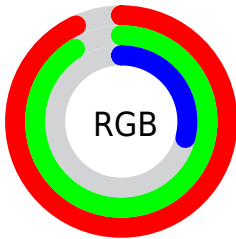
Format	Color
R _Y B	80, 236, 75
Decimal	15525707
CIE Lab	89.62, -16.03, 72.69
CIE LCh	90, 74.433, 102.437
Yxy	75.4927, 0.4084, 0.4785
Android (android.graphics.Color)	4293715787 (0xFFECE74B)
YUV	214.7110, -68.8775, 18.6705
Hunter-Lab	86.8865, -19.6698, 48.6524

Details

The Hex color **ECE74B** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **4B50EC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF84**, and **B1B000** is the 20% darker color. If you saturate the color by 10%, you get **ECE633**, and if you desaturate by 10%, it is **ECE863**.

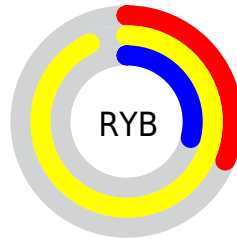
Distribution



Red (93%)

Green (91%)

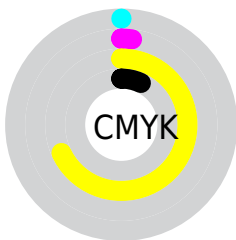
Blue (29%)



Red (31%)

Yellow (93%)

Blue (29%)

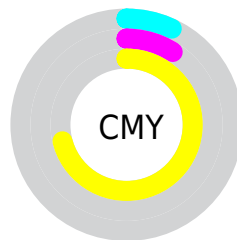


Cyan (0%)

Magenta (2%)

Yellow (68%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECE74B 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 ECE74B by changing the saturation by 10% instead.

 ECE74B

 ECE74B

FFFFFF

 CECB2C

 FFFF84

 B1B000

 FFFFA0

 949500

 FFFFBD

 777C00

 FFFFDA

 5C6300

 FFFFF8

 404B00

 263500

 0C2000

 000000

 ECE74B

 ECE74B

 ECE633

 ECE863

 ECE61C

 ECE87A

 ECE504

 ECE992

 ECE500

 ECEAA9

 ECEBC1

 ECEBD9

 ECECF0

 ECEDFF

 ECEEFF

Harmonies

Analogous

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



FFCE54



ECE74B



9DF873

Triad

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



ECE74B



00FFFF



FFA8FF

Complementary

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



ECE74B



4B50EC

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.



FFC2FF



ECE74B



00F5FF

Square

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



ECE74B



00FFFE



94DFFF



FFA1C6

Rectangle

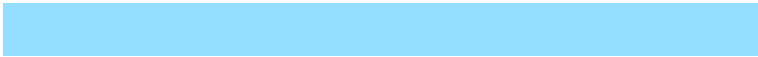
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECE74B



4DFF9C



94DFFF



FFAFFF

Sweetspot

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



ECE74B



FFFDCC



EC4B50



807F61



000000



808080

Same Dimension

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



ECE74B



FFF92E



A1EC4B



75756A



B5AF00



363400

Inverse Universe

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



4B50EC



2E34FF



964BEC



6A6A75



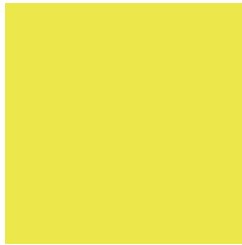
0006B5



000236

Previews

White Background



This preview shows how the Hex color ECE74B looks on a white background.

Color Contrast Check

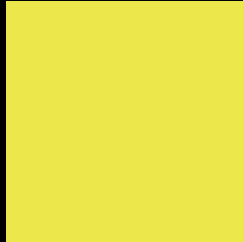
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color ECE74B looks on a 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 ECE74B Background



This preview shows how black text looks on a background with the Hex color ECE74B.

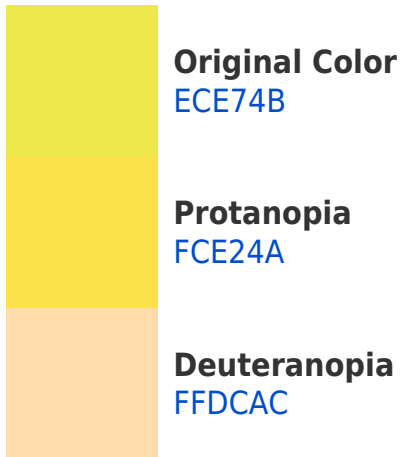


This preview shows how white text looks on a background with the Hex color ECE74B.

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](#).

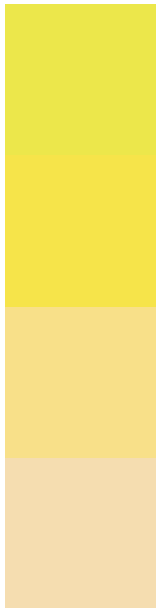
Dichromacy





Tritanopia
FAD8E9

Trichromacy



Original Color
ECE74B

Protanomaly
F6E44A

Deuteranomaly
F8E089

Tritanomaly
F5DDB0

Monochromacy



Original Color
ECE74B

Achromatopsia
D7D7D7

Achromatomaly
DFDDA4

CSS Examples

Text

The CSS property to change the color of the text to Hex ECE74B 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 #ECE74B looks like.

```
.text, #text, p{  
    color:#ECE74B  
}
```

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 #ECE74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE74B
}
```

Border

The CSS property to change the border of an element to Hex ECE74B 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
#ECE74B }
```

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

```
.border{ border-color:#ECE74B }
```

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

Here you see how a box with a 4 pixel #ECE74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE74B; -webkit-box-shadow:4px 4px  
4px 4px #ECE74B; box-shadow:4px 4px 4px  
4px #ECE74B }
```

Background

The CSS property to change the background color of an element to Hex ECE74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE74B }
```

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

```
.background{ background-color:#ECE74B }
```

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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