

Converting Colors

Hex(ECE59B)

Have a look what the booklet for
Hex(ECE59B) contains.

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Color

Hex(ECE59B)

Conversions

Conversions Part 1

Format	Color
Hex	ECE59B
RGB	236, 229, 155
RGB Percent	93%, 90%, 61%
CMY	0.0745, 0.1020, 0.3922
CMYK	0.00, 0.03, 0.34, 0.07
HSL	55°, 68%, 77%
HSV	55°, 34%, 93%
XYZ	68.5278, 76.2380, 42.1140
YIQ	222.6570, 27.9260, -21.5300

Conversions

Conversions Part 2

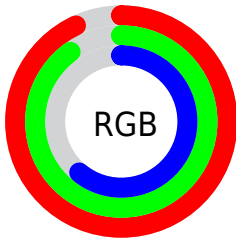
Format	Color
RYB	163, 236, 155
Decimal	15525275
CIELab	89.97, -8.42, 36.99
CIELCh	90, 37.933, 102.826
Yxy	76.2380, 0.3667, 0.4080
Android (android.graphics.Color)	4293715355 (0xFFECE59B)
YUV	222.6570, -33.3549, 11.7018
Hunter-Lab	87.3144, -12.7064, 32.5230

Details

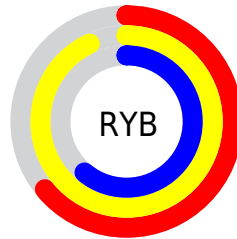
The Hex color **ECE59B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9BA2EC**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFD2**, and **B3AE67** is the 20% darker color. If you saturate the color by 10%, you get **ECE383**, and if you desaturate by 10%, it is **ECE7B3**.

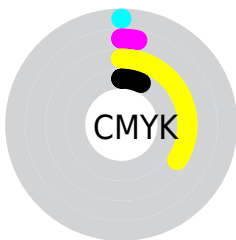
Distribution



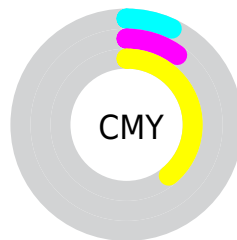
- Red (93%)
- Green (90%)
- Blue (61%)



- Red (64%)
- Yellow (93%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECE59B 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 ECE59B by changing the saturation by 10% instead.

 ECE59B

 ECE59B

FFFFFF

 CFC981

 FFFFD2

 B3AE67

 FFFFEF

 98934E

 7D7936

 63611E

 494904

 323300

 1A1E00

 000000

 ECE59B

 ECE59B

 ECE383

 ECE7B3

 ECE16C

 ECE9CA

 ECDF54

 ECEBE2

 ECDD3D

 ECEDF9

 ECDB25

 ECEFFF

 ECD90D

 ECF1FF

 ECD800

 ECF3FF

 ECF5FF

 ECF7FF

Harmonies

Analogous

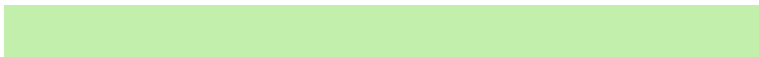
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD99E



ECE59B



C3EFAC

Triad

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



ECE59B



6FF3FF



FFCAF9

Complementary

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



ECE59B



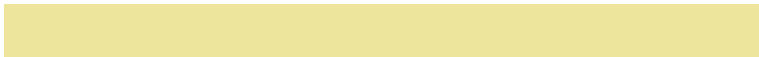
9BA2EC

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.



FBD4FF



ECE59B



94ECFF

Square

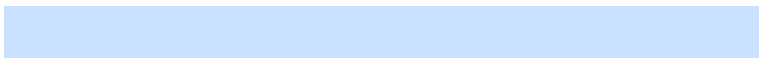
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECE59B



75F6F1



CAE0FF



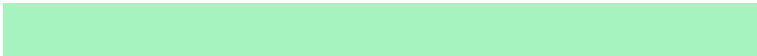
FFC7D4

Rectangle

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



ECE59B



A7F3C0



CAE0FF



FFCCFF

Sweetspot

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



ECE59B



FFFDE6



EC9BA3



807E70



000000



808080

Same Dimension

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



ECE59B



FFF696



CCEC9B



75746A



B5A500



363100

Inverse Universe

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



9BA2EC



969FFF



BB9BEC



6A6B75



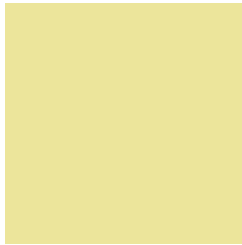
0010B5



000536

Previews

White Background



This preview shows how the Hex color ECE59B looks on a white background.

Color Contrast Check

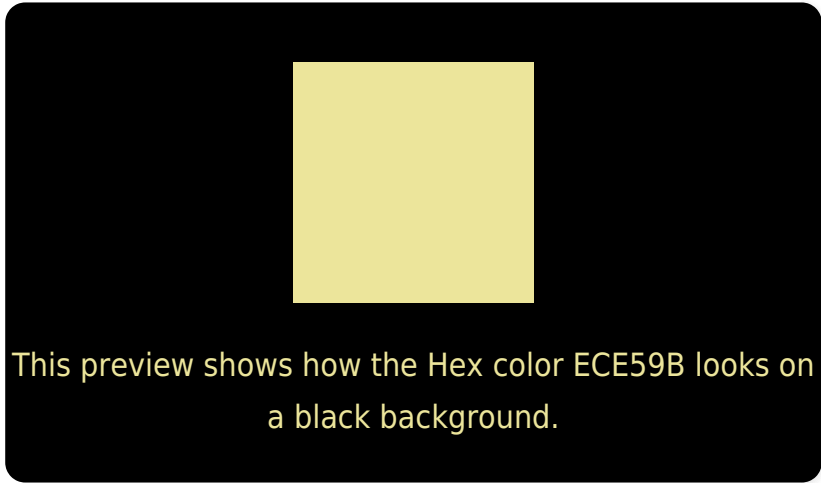
Large Text (above 18pt) WCAG AA × Fail

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

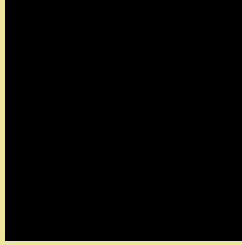
Any Text WCAG AA ✓ Pass

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 ECE59B Background



This preview shows how black text looks on a background with the Hex color ECE59B.

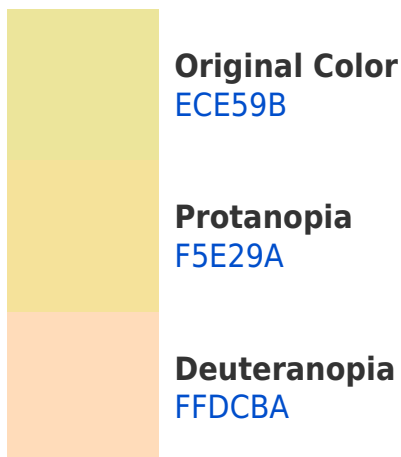


This preview shows how white text looks on a background with the Hex color ECE59B.

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](#).

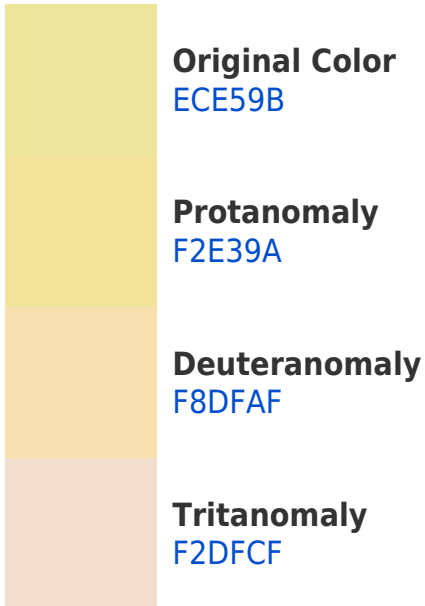
Dichromacy





Tritanopia
F5DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECE59B 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 #ECE59B looks like.

```
.text, #text, p{  
    color:#ECE59B  
}
```

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 #ECE59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE59B  
}
```

Border

The CSS property to change the border of an element to Hex ECE59B 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  
#ECE59B }
```

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

```
.border{ border-color:#ECE59B }
```

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

Here you see how a box with a 4 pixel #ECE59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE59B; -webkit-box-shadow:4px 4px  
4px 4px #ECE59B; box-shadow:4px 4px 4px  
4px #ECE59B }
```

Background

The CSS property to change the background color of an element to Hex ECE59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE59B }
```

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

```
.background{ background-color:#ECE59B }
```

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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