

Converting Colors

Hex(ECAB51)

Have a look what the booklet for
Hex(ECAB51) contains.

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Color

Hex(ECAB51)

Conversions

Conversions Part 1

Format	Color
Hex	ECAB51
RGB	236, 171, 81
RGB Percent	93%, 67%, 32%
CMY	0.0745, 0.3294, 0.6824
CMYK	0.00, 0.28, 0.66, 0.07
HSL	35°, 80%, 62%
HSV	35°, 66%, 93%
XYZ	50.6402, 47.5528, 14.2942
YIQ	180.1750, 67.6300, -14.2100

Conversions

Conversions Part 2

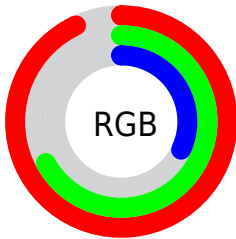
Format	Color
RYB	193, 236, 81
Decimal	15510353
CIELab	74.54, 15.08, 54.46
CIELCh	75, 56.508, 74.527
Yxy	47.5528, 0.4502, 0.4227
Android (android.graphics.Color)	4293700433 (0xFFECAB51)
YUV	180.1750, -48.8933, 48.9585
Hunter-Lab	68.9585, 10.4054, 35.9810

Details

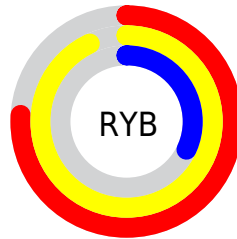
The Hex color **ECAB51** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5192EC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE286**, and **B0771C** is the 20% darker color. If you saturate the color by 10%, you get **ECA139**, and if you desaturate by 10%, it is **ECB569**.

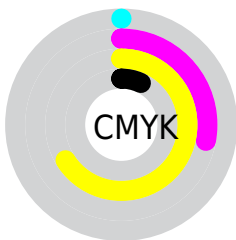
Distribution



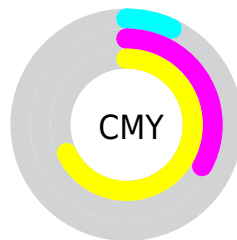
- Red (93%)
- Green (67%)
- Blue (32%)



- Red (76%)
- Yellow (93%)
- Blue (32%)



- Cyan (0%)
- Magenta (28%)
- Yellow (66%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECAB51 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 ECAB51 by changing the saturation by 10% instead.

 ECAB51

 ECAB51

FFFFFF

 CE9137

 FFE286

 B0771C

 FFFFA1

 935E00

 FFFFBC

 764700

 FFFFD9

 5A3000

 FFFFF6

 3F1B00

 260400

 000000

 ECAB51

 ECAB51

 ECA139

 ECB569

 EC9722

 ECBF80

 EC8D0A

 ECC998

 EC8900

 ECD3AF

 ECDCC7

 ECE6DF

 ECF0F6

 ECFAFF

 ECFFFF

Harmonies

Analogous

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



FF9871



ECAB51



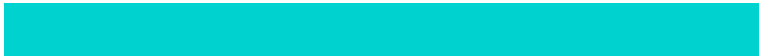
BDBD4E

Triad

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



ECAB51



00D2D0



DCA0FF

Complementary

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



ECAB51



5192EC

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.



8CB4FF



ECAB51



00CEFF

Square

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



ECAB51



1CD09A



00C5FF



FF8ED5

Rectangle

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



ECAB51



98C55E



00C5FF



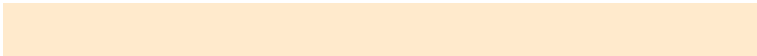
C5A7FF

Sweetspot

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



ECAB51



FFEACC



EC5194



807361



000000



808080

Same Dimension

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



ECAB51



FFAB36



E2EC51



75706A



B56900



361F00

Inverse Universe

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



5192EC



368AFF



5B51EC



6A6E75



004CB5



001636

Previews

White Background



This preview shows how the Hex color ECAB51 looks on a white background.

Color Contrast Check

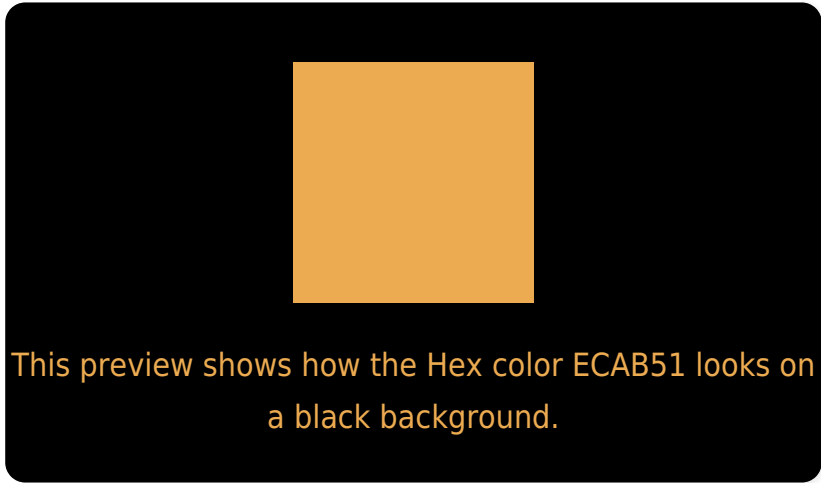
Large Text (above 18pt) WCAG AA × Fail

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

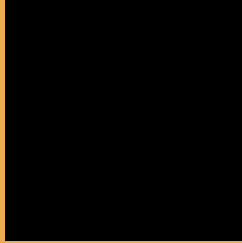
Any Text WCAG AA ✓ Pass

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 ECAB51 Background



This preview shows how black text looks on a background with the Hex color ECAB51.

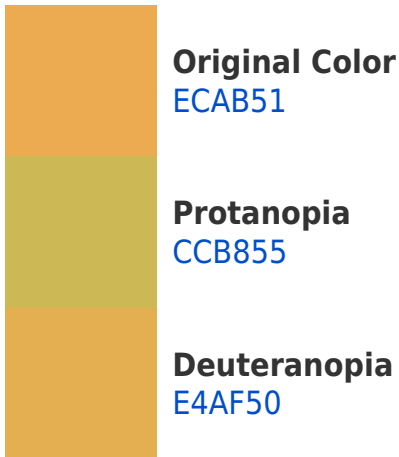


This preview shows how white text looks on a background with the Hex color ECAB51.

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](#).

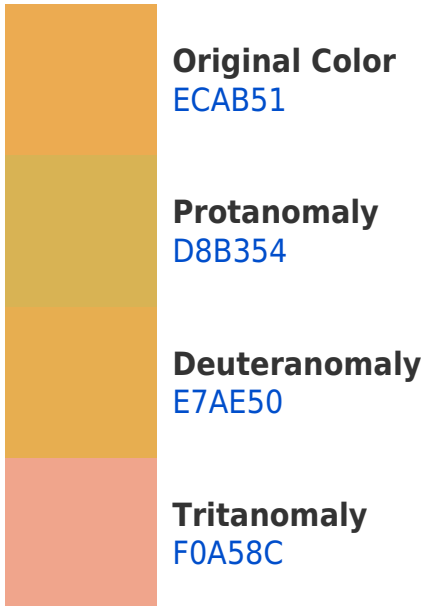
Dichromacy





Tritanopia
F3A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECAB51 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 #ECAB51 looks like.

```
.text, #text, p{  
    color:#ECAB51  
}
```

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 #ECAB51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECAB51
}
```

Border

The CSS property to change the border of an element to Hex ECAB51 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
#ECAB51 }
```

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

```
.border{ border-color:#ECAB51 }
```

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

Here you see how a box with a 4 pixel #ECAB51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECAB51; -webkit-box-shadow:4px 4px  
4px 4px #ECAB51; box-shadow:4px 4px 4px  
4px #ECAB51 }
```

Background

The CSS property to change the background color of an element to Hex ECAB51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECAB51 }
```

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

```
.background{ background-color:#ECAB51 }
```

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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