

Converting Colors

Hex(ECAB73)

Have a look what the booklet for
Hex(ECAB73) contains.

Hex(ECAB73)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ECAB73)

Conversions

Conversions Part 1

Format	Color
Hex	ECAB73
RGB	236, 171, 115
RGB Percent	93%, 67%, 45%
CMY	0.0745, 0.3294, 0.5490
CMYK	0.00, 0.28, 0.51, 0.07
HSL	28°, 76%, 69%
HSV	28°, 51%, 93%
XYZ	52.2495, 48.1965, 22.7687
YIQ	184.0510, 56.7160, -3.6360

Conversions

Conversions Part 2

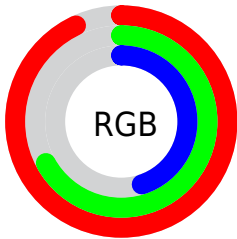
Format	Color
R _Y B	236, 219, 115
Decimal	15510387
CIE Lab	74.95, 17.57, 38.10
CIE LCh	75, 41.955, 65.240
Yxy	48.1965, 0.4241, 0.3912
Android (android.graphics.Color)	4293700467 (0xFFECAB73)
YUV	184.0510, -34.0421, 45.5593
Hunter-Lab	69.4237, 12.8508, 29.1514

Details

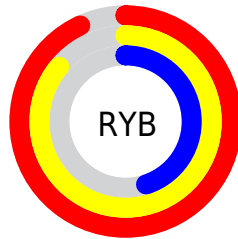
The Hex color **ECAB73** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73B4EC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE2A8**, and **B17741** is the 20% darker color. If you saturate the color by 10%, you get **EC9E5B**, and if you desaturate by 10%, it is **ECB88B**.

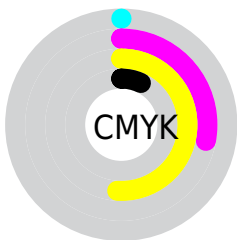
Distribution



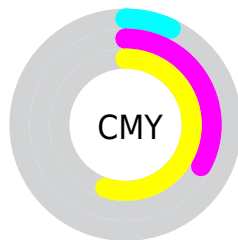
- Red (93%)
- Green (67%)
- Blue (45%)



- Red (93%)
- Yellow (86%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECAB73 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 ECAB73 by changing the saturation by 10% instead.

 ECAB73

 ECAB73

FFFFFF

 CE905A

 FFE2A8

 B17741

 FFFFC3

 955E2A

 FFFFDF

 794612

 FFFFFC

 5E2F00

 431A00

 290300

 000000

 ECAB73

 ECAB73

 EC9E5B

 ECB88B

 EC9244

 ECC4A2

 EC852C

 ECD1BA

 EC7815

 ECDED1

 EC6D00

 ECEAE9

 ECF7FF

 ECFFFF

Harmonies

Analogous

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



FF9F8E



ECAB73



CBB86A

Triad

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



ECAB73



36CDBE



C6ACF8

Complementary

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



ECAB73



73B4EC

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.



8ABAFF



ECAB73



00CBE4

Square

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



ECAB73



72CA97



3FC5FE



EF9FDA

Rectangle

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



ECAB73



B0C071



3FC5FE



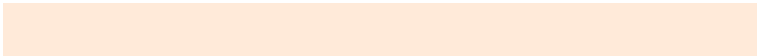
B4B1FE

Sweetspot

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



ECAB73



FFEAD9



EC73B6



807369



000000



808080

Same Dimension

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



ECAB73



FFAA61



ECE673



756F6A



B55400



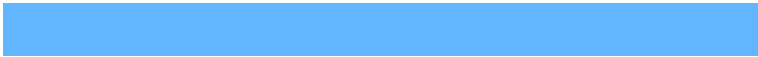
361900

Inverse Universe

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



73B4EC



61B6FF



7379EC



6A7075



0061B5



001D36

Previews

White Background



This preview shows how the Hex color ECAB73 looks on a white background.

Color Contrast Check

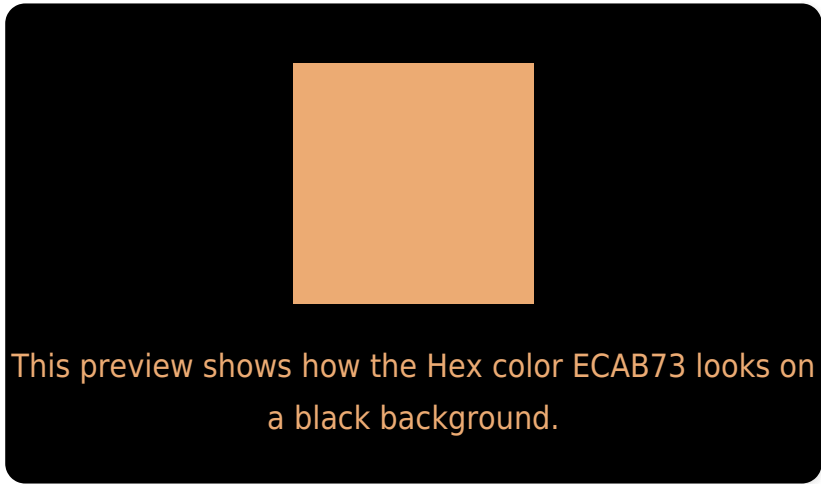
Large Text (above 18pt) WCAG AA × Fail

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

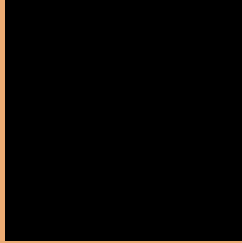
Any Text WCAG AA ✓ Pass

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 ECAB73 Background



This preview shows how black text looks on a background with the Hex color ECAB73.

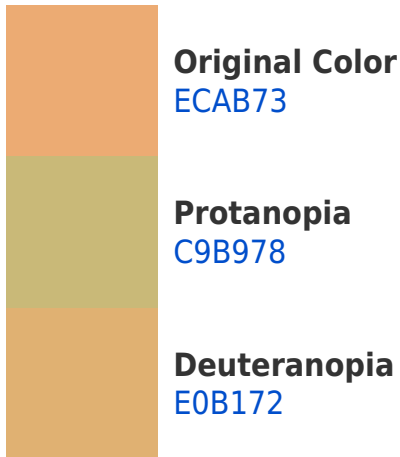


This preview shows how white text looks on a background with the Hex color ECAB73.

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](#).

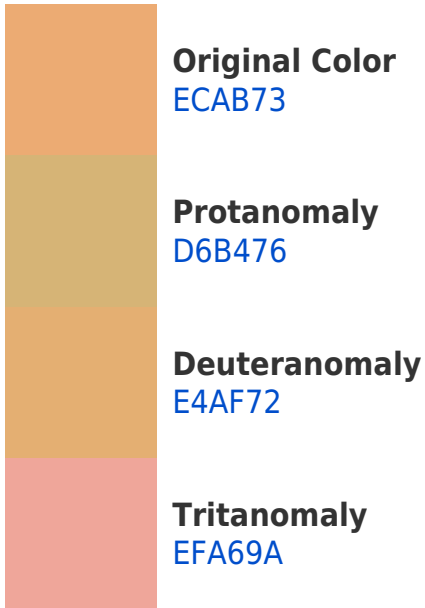
Dichromacy



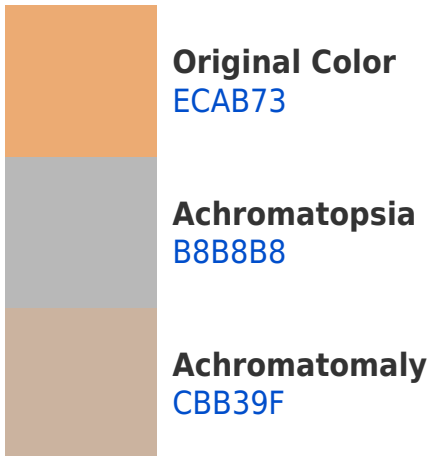


Tritanopia
F1A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECAB73 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 #ECAB73 looks like.

```
.text, #text, p{  
    color:#ECAB73  
}
```

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 #ECAB73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECAB73  
}
```

Border

The CSS property to change the border of an element to Hex ECAB73 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  
#ECAB73 }
```

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

```
.border{ border-color:#ECAB73 }
```

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

Here you see how a box with a 4 pixel #ECAB73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECAB73; -webkit-box-shadow:4px 4px  
4px 4px #ECAB73; box-shadow:4px 4px 4px  
4px #ECAB73 }
```

Background

The CSS property to change the background color of an element to Hex ECAB73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECAB73 }
```

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

```
.background{ background-color:#ECAB73 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor