

Converting Colors

Hex(ECB237)

Have a look what the booklet for
Hex(ECB237) contains.

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Color

Hex(ECB237)

Conversions

Conversions Part 1

Format	Color
Hex	ECB237
RGB	236, 178, 55
RGB Percent	93%, 70%, 22%
CMY	0.0745, 0.3020, 0.7843
CMYK	0.00, 0.25, 0.77, 0.07
HSL	41°, 83%, 57%
HSV	41°, 77%, 93%
XYZ	51.2021, 49.9495, 10.5570
YIQ	181.3200, 74.0510, -25.9570

Conversions

Conversions Part 2

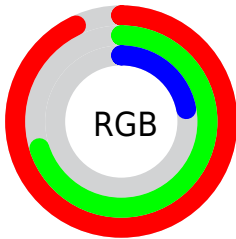
Format	Color
RYB	140, 236, 55
Decimal	15512119
CIELab	76.04, 10.12, 66.81
CIELCh	76, 67.568, 81.386
Yxy	49.9495, 0.4584, 0.4471
Android (android.graphics.Color)	4293702199 (0xFFECB237)
YUV	181.3200, -62.2758, 47.9544
Hunter-Lab	70.6750, 5.6372, 40.6161

Details

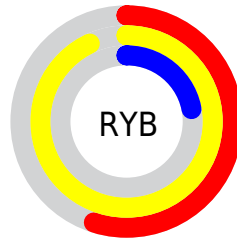
The Hex color **ECB237** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3771EC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE96E**, and **AF7E00** is the 20% darker color. If you saturate the color by 10%, you get **ECAA1F**, and if you desaturate by 10%, it is **ECBA4F**.

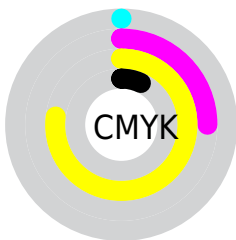
Distribution



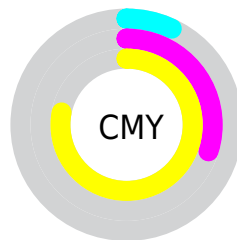
- Red (93%)
- Green (70%)
- Blue (22%)



- Red (55%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (77%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECB237 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 ECB237 by changing the saturation by 10% instead.

 ECB237

 ECB237

FFFFFF

 CD9716

 FFE96E

 AF7E00

 FFFF8A

 926500

 FFFFA6

 754D00

 FFFF82

 593700

 FFFFDF

 3E2100

FFFFFFC

 250D00

 000000

 ECB237

 ECB237

 ECAA1F

 ECBA4F

 ECA308

 ECC166

 ECA000

 ECC97E

 ECD095

 ECD8AD

 ECDFC5

 ECE7DC

 ECEEF4

 ECF6FF

Harmonies

Analogous

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



FF9A5B



ECB237



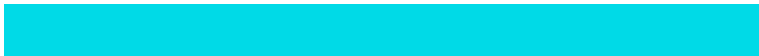
B1C63D

Triad

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



ECB237



00DAE7



F698FF

Complementary

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



ECB237



3771EC

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.



9DB2FF



ECB237



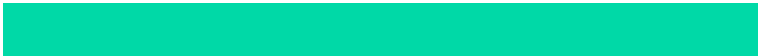
00D5FF

Square

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



ECB237



00D9A7



00C8FF



FF84D0

Rectangle

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



ECB237



82CF58



00C8FF



DEA1FF

Sweetspot

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



ECB237



FFECC4



EC3773



80745C



000000



808080

Same Dimension

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



ECB237



FFB414



CEEC37



75726A



B57B00



362400

Inverse Universe

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



3771EC



1460FF



5537EC



6A6D75



003AB5



001136

Previews

White Background



This preview shows how the Hex color ECB237 looks on a white background.

Color Contrast Check

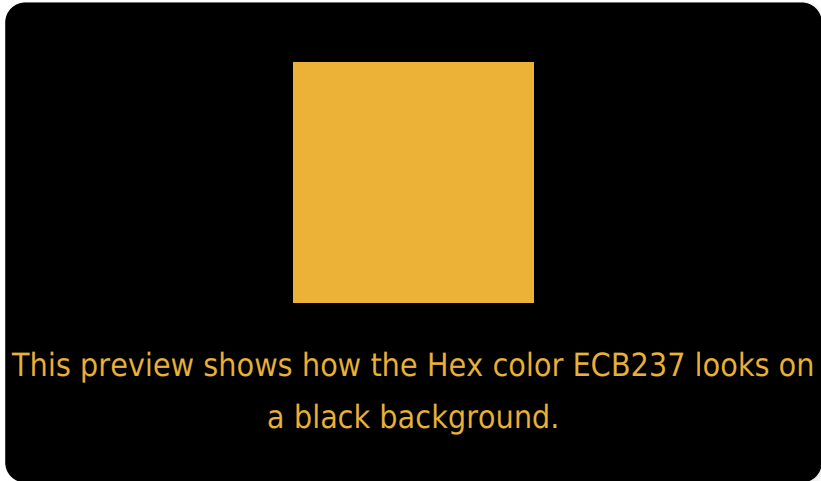
Large Text (above 18pt) WCAG AA × Fail

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 ECB237 Background



This preview shows how black text looks on a background with the Hex color ECB237.

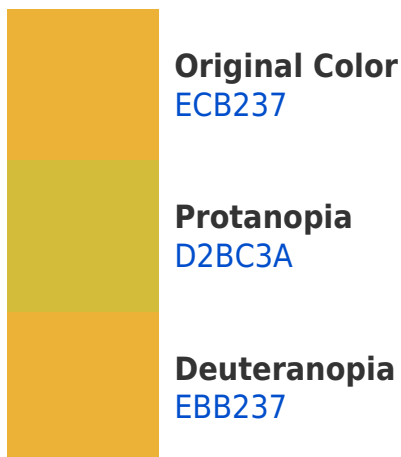


This preview shows how white text looks on a background with the Hex color ECB237.

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](#).

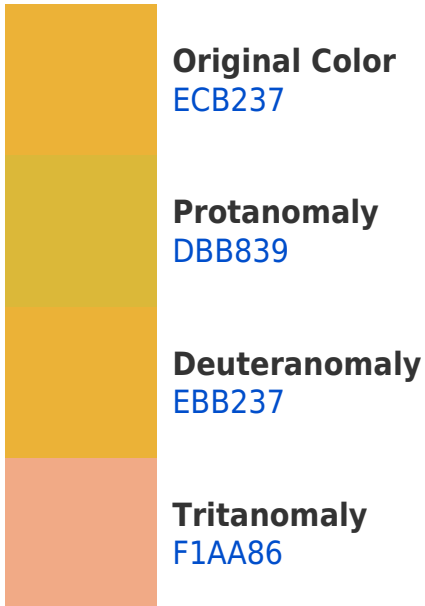
Dichromacy





Tritanopia
F4A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECB237 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 #ECB237 looks like.

```
.text, #text, p{  
    color:#ECB237  
}
```

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 #ECB237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB237
}
```

Border

The CSS property to change the border of an element to Hex ECB237 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
#ECB237 }
```

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

```
.border{ border-color:#ECB237 }
```

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

Here you see how a box with a 4 pixel #ECB237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB237; -webkit-box-shadow:4px 4px  
4px 4px #ECB237; box-shadow:4px 4px 4px  
4px #ECB237 }
```

Background

The CSS property to change the background color of an element to Hex ECB237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB237 }
```

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

```
.background{ background-color:#ECB237 }
```

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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