

Converting Colors

Hex(ECBA38)

Have a look what the booklet for
Hex(ECBA38) contains.

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Color

Hex(ECBA38)

Conversions

Conversions Part 1

Format	Color
Hex	ECBA38
RGB	236, 186, 56
RGB Percent	93%, 73%, 22%
CMY	0.0745, 0.2706, 0.7804
CMYK	0.00, 0.21, 0.76, 0.07
HSL	43°, 83%, 57%
HSV	43°, 76%, 93%
XYZ	52.8648, 53.2362, 11.2307
YIQ	186.1300, 71.5300, -29.8300

Conversions

Conversions Part 2

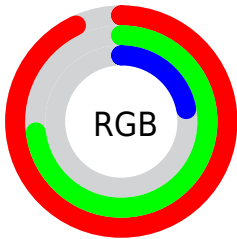
Format	Color
RYB	125, 236, 56
Decimal	15514168
CIELab	78.01, 5.96, 68.30
CIElCh	78, 68.558, 85.013
Yxy	53.2362, 0.4506, 0.4537
Android (android.graphics.Color)	4293704248 (0xFFECBA38)
YUV	186.1300, -64.1541, 43.7360
Hunter-Lab	72.9631, 1.6451, 41.9481

Details

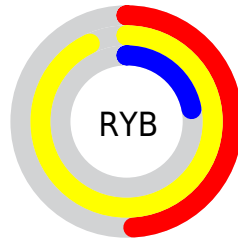
The Hex color **ECBA38** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **386AEC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF270**, and **B08500** is the 20% darker color. If you saturate the color by 10%, you get **ECB320**, and if you desaturate by 10%, it is **ECC150**.

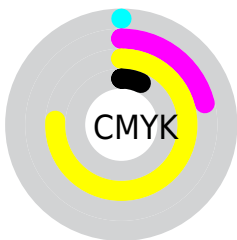
Distribution



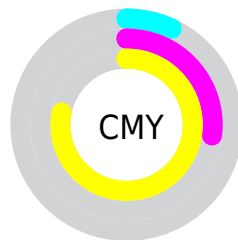
- Red (93%)
- Green (73%)
- Blue (22%)



- Red (49%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECBA38 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 ECBA38 by changing the saturation by 10% instead.

 ECBA38

 ECBA38

FFFFFF

 CE9F16

 FFF270

 B08500

 FFFF8C

 926C00

 FFFFA8

 765400

 FFFFC4

 593D00

 FFFFE1

 3E2800

 251400

 000000

 ECBA38

 ECBA38

 ECB320

 ECC150

 ECAD09

 ECC767

 ECAA00

 ECCE7F

 ECD496

 ECDBAE

 ECE1C6

 ECE8DD

 ECEEF5

 ECF5FF

Harmonies

Analogous

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



FFA159



ECBA38



AFCD44

Triad

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



ECBA38



00DFF5



FF9AFF

Complementary

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



ECBA38



386AEC

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.



B0B4FF



ECBA38



00D9FF

Square

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



ECBA38



00DFB4



00CBFF



FF87CE

Rectangle

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



ECBA38



7CD662



00CBFF



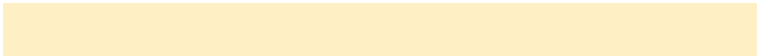
EDA2FF

Sweetspot

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



ECBA38



FFEFC4



EC386B



80765C



000000



808080

Same Dimension

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



ECBA38



FFBE14



C5EC38



75726A



B58300



362700

Inverse Universe

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



386AEC



1456FF



5F38EC



6A6D75



0032B5



000F36

Previews

White Background



This preview shows how the Hex color ECBA38 looks on a white background.

Color Contrast Check

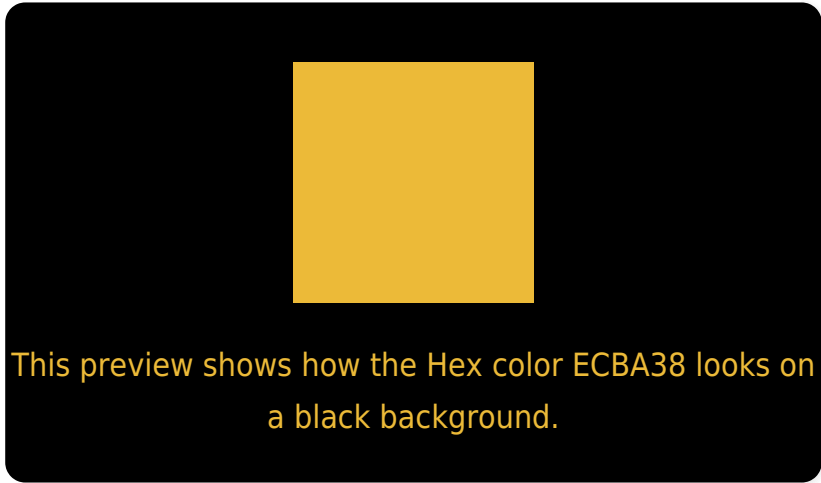
Large Text (above 18pt) WCAG AA × Fail

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 ECBA38 Background



This preview shows how black text looks on a background with the Hex color ECBA38.



This preview shows how white text looks on a background with the Hex color ECBA38.

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



Original Color
ECBA38

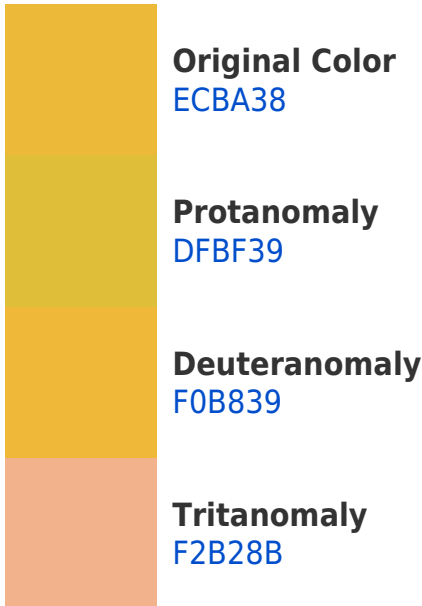
Protanopia
D8C23A

Deuteranopia
F2B739



Tritanopia
F5AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECBA38 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 #ECBA38 looks like.

```
.text, #text, p{  
    color:#ECBA38  
}
```

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 #ECBA38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECBA38
}
```

Border

The CSS property to change the border of an element to Hex ECBA38 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
#ECBA38 }
```

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

```
.border{ border-color:#ECBA38 }
```

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

Here you see how a box with a 4 pixel #ECBA38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECBA38; -webkit-box-shadow:4px 4px  
4px 4px #ECBA38; box-shadow:4px 4px 4px  
4px #ECBA38 }
```

Background

The CSS property to change the background color of an element to Hex ECBA38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECBA38 }
```

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

```
.background{ background-color:#ECBA38 }
```

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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