

Converting Colors

Hex(ECA05B)

Have a look what the booklet for
Hex(ECA05B) contains.

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Color

Hex(ECA05B)

Conversions

Conversions Part 1

Format	Color
Hex	ECA05B
RGB	236, 160, 91
RGB Percent	93%, 63%, 36%
CMY	0.0745, 0.3725, 0.6431
CMYK	0.00, 0.32, 0.61, 0.07
HSL	29°, 79%, 64%
HSV	29°, 61%, 93%
XYZ	49.0512, 43.7298, 15.7529
YIQ	174.8580, 67.4450, -5.3470

Conversions

Conversions Part 2

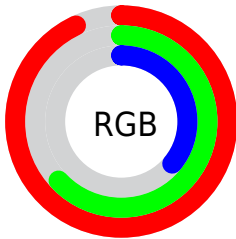
Format	Color
R_{YB}	236, 223, 91
Decimal	15507547
CIE _{Lab}	72.05, 21.54, 46.81
CIE _{LCh}	72, 51.531, 65.288
Yxy	43.7298, 0.4519, 0.4029
Android (android.graphics.Color)	4293697627 (0xFFECA05B)
YUV	174.8580, -41.3420, 53.6215
Hunter-Lab	66.1285, 16.6785, 32.1661

Details

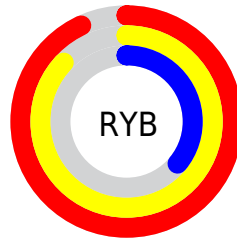
The Hex color **ECA05B** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5BA7EC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD78F**, and **B06C29** is the 20% darker color. If you saturate the color by 10%, you get **EC9443**, and if you desaturate by 10%, it is **ECAC73**.

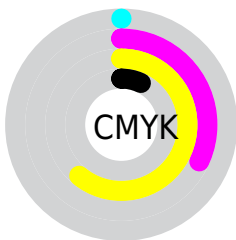
Distribution



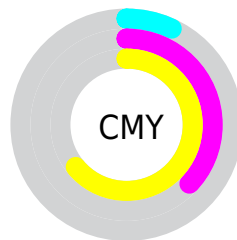
- Red (93%)
- Green (63%)
- Blue (36%)



- Red (93%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (61%)
- Black (7%)



- Cyan (7%)
- Magenta (37%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECA05B 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 ECA05B by changing the saturation by 10% instead.

 ECA05B

 ECA05B

FFFFFF

 CE8642

 FFD78F

 B06C29

 FFF3AA

 93540F

 FFFFC6

 763C00

 FFFFE2

 5A2600

 3F1000

 270000

 000000

 ECA05B

 ECA05B

 EC9443

 ECAC73

 EC872C

 ECB98A

 EC7B14

 ECC5A2

 EC7000

 ECD1B9

 ECDED1

 ECEAE9

 ECF7FF

 ECFFFF

Harmonies

Analogous

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



FF907D



ECA05B



C5B14F

Triad

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



ECA05B



00C9B8



BFA1FE

Complementary

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



ECA05B



5BA7EC

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.



6EB3FF



ECA05B



00C7E6

Square

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



ECA05B



52C588



00C0FF



F190D9

Rectangle

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



ECA05B



A5BA58



00C0FF



A8A7FF

Sweetspot

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



ECA05B



FFE7D1



EC5BA8



807163



000000



808080

Same Dimension

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



ECA05B



FF9C42



ECE75B



756F6A



B55600



361900

Inverse Universe

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



5BA7EC



42A5FF



5B60EC



6A7075



005FB5



001C36

Previews

White Background



This preview shows how the Hex color ECA05B looks on a white background.

Color Contrast Check

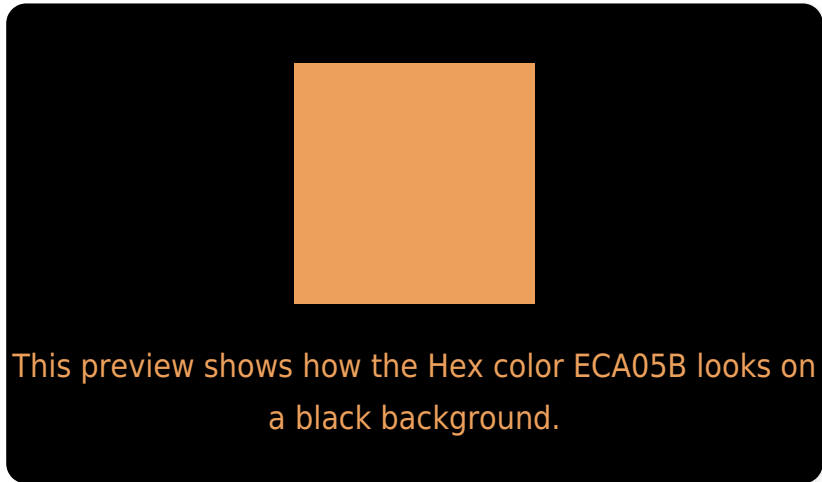
Large Text (above 18pt) WCAG AA × Fail

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

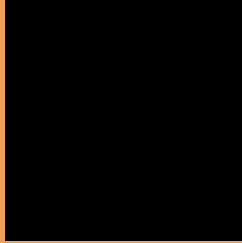
Any Text WCAG AA ✓ Pass

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 ECA05B Background



This preview shows how black text looks on a background with the Hex color ECA05B.

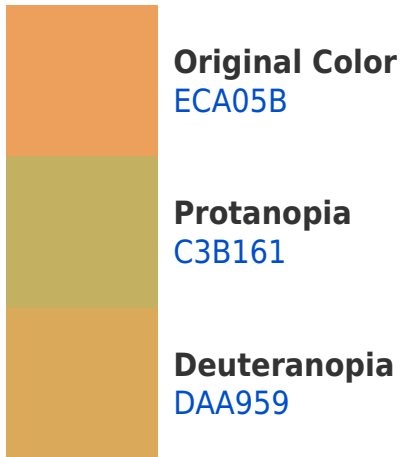


This preview shows how white text looks on a background with the Hex color ECA05B.

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](#).

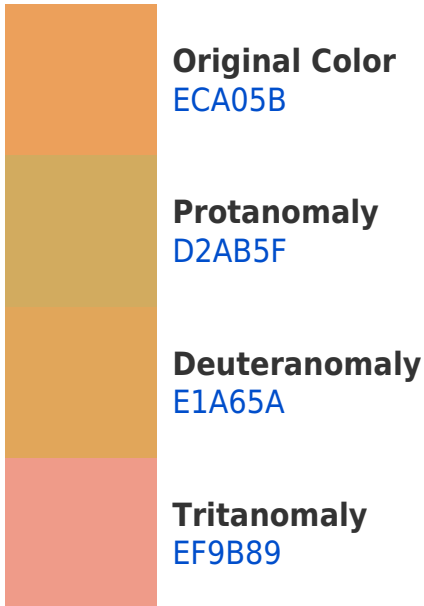
Dichromacy



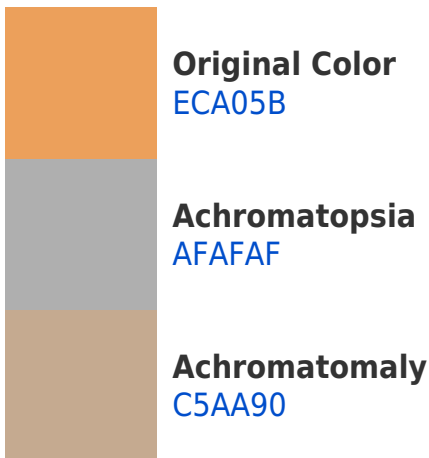


Tritanopia
F198A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECA05B 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 #ECA05B looks like.

```
.text, #text, p{  
    color:#ECA05B  
}
```

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 #ECA05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA05B
}
```

Border

The CSS property to change the border of an element to Hex ECA05B 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
#ECA05B }
```

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

```
.border{ border-color:#ECA05B }
```

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

Here you see how a box with a 4 pixel #ECA05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA05B; -webkit-box-shadow:4px 4px  
4px 4px #ECA05B; box-shadow:4px 4px 4px  
4px #ECA05B }
```

Background

The CSS property to change the background color of an element to Hex ECA05B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA05B }
```

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

```
.background{ background-color:#ECA05B }
```

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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