

Converting Colors

Hex(E2AB3A)

Have a look what the booklet for
Hex(E2AB3A) contains.

Hex(E2AB3A)	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(E2AB3A)

Conversions

Conversions Part 1

Format	Color
Hex	E2AB3A
RGB	226, 171, 58
RGB Percent	89%, 67%, 23%
CMY	0.1137, 0.3294, 0.7725
CMYK	0.00, 0.24, 0.74, 0.11
HSL	40°, 74%, 56%
HSV	40°, 74%, 89%
XYZ	46.6907, 45.6001, 10.3438
YIQ	174.5630, 69.0530, -23.4830

Conversions

Conversions Part 2

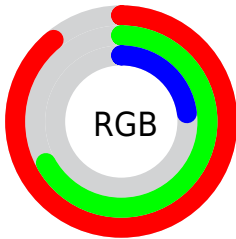
Format	Color
RYB	140, 226, 58
Decimal	14854970
CIELab	73.29, 9.67, 62.68
CIELCh	73, 63.423, 81.232
Yxy	45.6001, 0.4549, 0.4443
Android (android.graphics.Color)	4293045050 (0xFFE2AB3A)
YUV	174.5630, -57.4656, 45.1102
Hunter-Lab	67.5278, 5.2463, 38.1875

Details

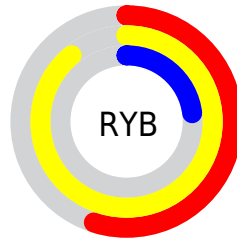
The Hex color **E2AB3A** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3A71E2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE270**, and **A67700** is the 20% darker color. If you saturate the color by 10%, you get **E2A423**, and if you desaturate by 10%, it is **E2B251**.

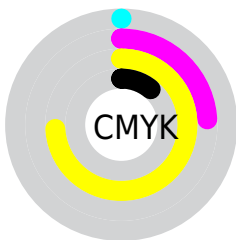
Distribution



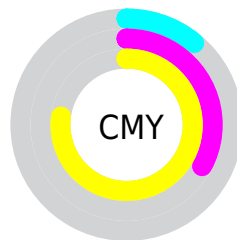
- Red (89%)
- Green (67%)
- Blue (23%)



- Red (55%)
- Yellow (89%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2AB3A 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 E2AB3A by changing the saturation by 10% instead.

 E2AB3A

 E2AB3A

FFFFFF

 C4911C

 FFE270

 A67700

 FFFF8B

 895F00

 FFFFA7

 6D4700

 FFFF8B

 513100

 FFFF8B

 361C00

FFFFFFD

 1E0400

 000000

 E2AB3A

 E2AB3A

 E2A423

 E2B251

 E29C0D

 E2BA67

 E29800

 E2C17E

 E2C994

 E2D0AB

 E2D7C2

 E2DFD8

 E2E6EF

 E2EEFF

Harmonies

Analogous

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



FF945B



E2AB3A



ABBD3F

Triad

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



E2AB3A



00D0DC



EA93FD

Complementary

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



E2AB3A



3A71E2

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.



98ACFF



E2AB3A



00CBFF

Square

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



E2AB3A



00CFA0



00BFFF



FF81C8

Rectangle

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



E2AB3A



7FC658



00BFFF



D49BFF

Sweetspot

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



E2AB3A



FFEDC7



E23A72



80755E



000000



808080

Same Dimension

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



E2AB3A



FFB51C



C6E23A



706D65



B07600



302100

Inverse Universe

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



3A71E2



1C66FF



563AE2



656970



003AB0



001030

Previews

White Background



This preview shows how the Hex color E2AB3A looks on a white background.

Color Contrast Check

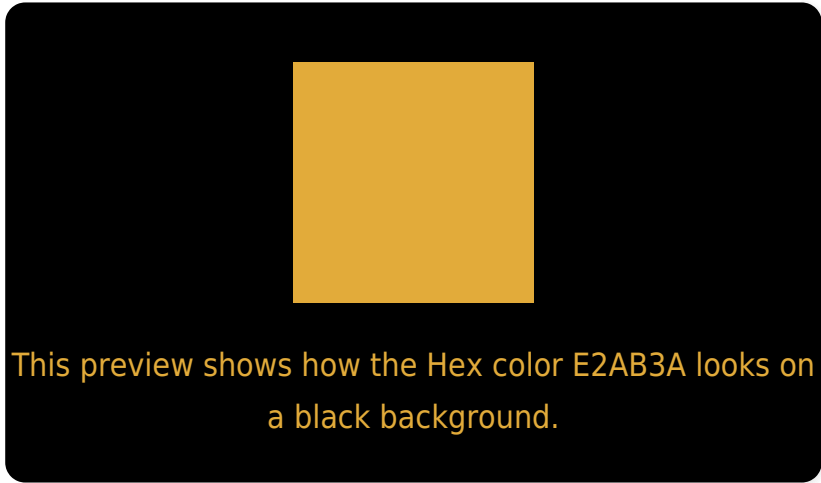
Large Text (above 18pt) WCAG AA × Fail

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 E2AB3A Background



This preview shows how black text looks on a background with the Hex color E2AB3A.

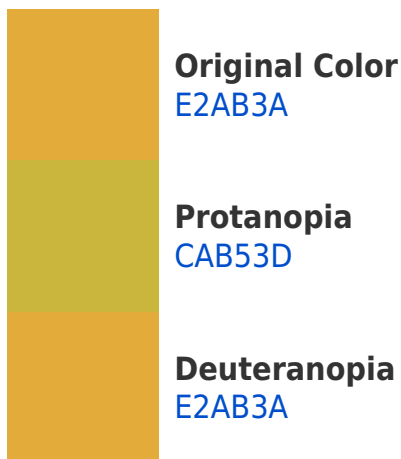


This preview shows how white text looks on a background with the Hex color E2AB3A.

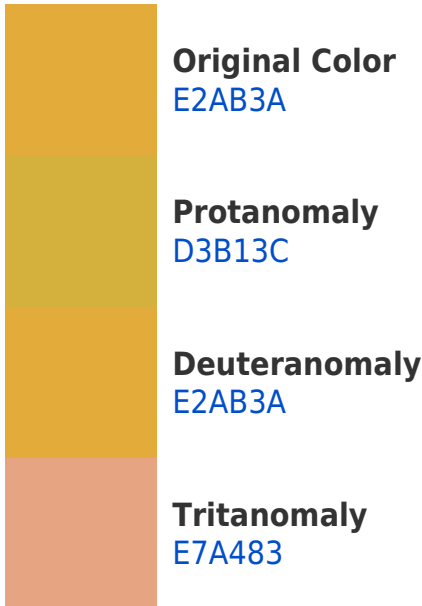
Color Blindness Simulation

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](#).

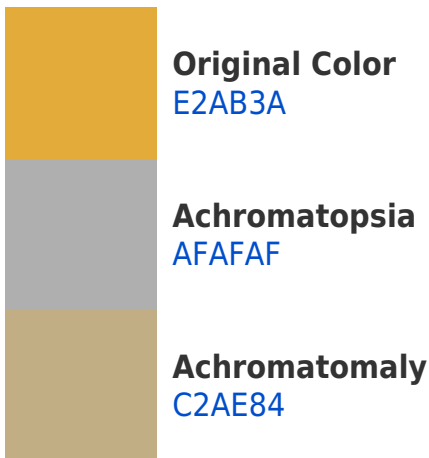
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2AB3A 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 #E2AB3A looks like.

```
.text, #text, p{  
    color:#E2AB3A  
}
```

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 #E2AB3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2AB3A
}
```

Border

The CSS property to change the border of an element to Hex E2AB3A 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
#E2AB3A }
```

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

```
.border{ border-color:#E2AB3A }
```

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

Here you see how a box with a 4 pixel #E2AB3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2AB3A; -webkit-box-shadow:4px 4px  
4px 4px #E2AB3A; box-shadow:4px 4px 4px  
4px #E2AB3A }
```

Background

The CSS property to change the background color of an element to Hex E2AB3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2AB3A }
```

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

```
.background{ background-color:#E2AB3A }
```

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