

# Converting Colors

Hex(E3A922)

Have a look what the booklet for  
Hex(E3A922) contains.

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# **Color**

**Hex(E3A922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3A922
RGB	227, 169, 34
RGB Percent	89%, 66%, 13%
CMY	0.1098, 0.3373, 0.8667
CMYK	0.00, 0.26, 0.85, 0.11
HSL	42°, 78%, 51%
HSV	42°, 85%, 89%
XYZ	46.1553, 44.8223, 7.7323
YIQ	170.9520, 77.9030, -29.6890

# Conversions

## Conversions Part 2

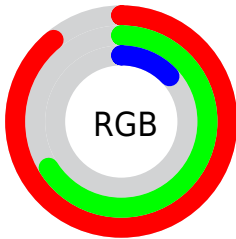
Format	Color
<a href="#">RYB</a>	<a href="#">117, 227, 34</a>
Decimal	<a href="#">14919970</a>
CIELab	<a href="#">72.77, 10.35, 70.24</a>
CIELCh	<a href="#">73, 70.997, 81.614</a>
Yxy	<a href="#">44.8223, 0.4676, 0.4541</a>
Android (android.graphics.Color)	<a href="#">4293110050 (0xFFE3A922)</a>
YUV	<a href="#">170.9520, -67.5173, 49.1541</a>
Hunter-Lab	<a href="#">66.9495, 5.8971, 40.0170</a>

# Details

The Hex color **E3A922** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **225CE3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE05D**, and **A67500** is the 20% darker color. If you saturate the color by 10%, you get **E3A20B**, and if you desaturate by 10%, it is **E3B039**.

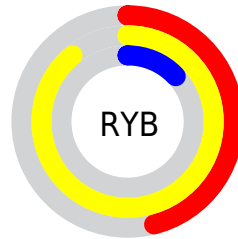
# Distribution



Red (89%)

Green (66%)

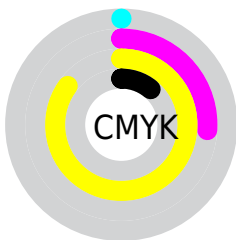
Blue (13%)



Red (46%)

Yellow (89%)

Blue (13%)

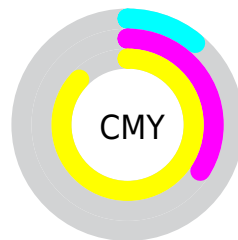


Cyan (0%)

Magenta (26%)

Yellow (85%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3A922 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 E3A922 by changing the saturation by 10% instead.



 E3A922

 E3A922

FFFFFF

 C48F00

 FFE05D

 A67500

 FFFC79

 895D00

 FFFF95

 6C4500

 FFFFB1

 502F00

 FFFFCE

 361B00

 FFFFEB

 1E0200

 000000

 E3A922

 E3A922

 E3A20B

 E3B039

 E39F00

 E3B74F

 E3BD66

 E3C47D

 E3CB94

 E3D2AA

 E3D9C1

 E3E0D8

 E3E6EE

# Harmonies

## Analogous

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



FF8F4D



E3A922



A6BD2A

# Triad

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



E3A922



00D1E1



EF8CFF

# Complementary

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



E3A922



225CE3

# 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.



90A9FF



E3A922



00CCFF

# Square

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



E3A922



00D09E



00BFFF



FF76C8

# Rectangle

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



E3A922



74C74A



00BFFF



D696FF



# Sweetspot

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



E3A922



FFE8B8



E3225F



807458



000000



808080



# Same Dimension

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



E3A922



FFB200



C0E322



736F67



B37D00



332400



# Inverse Universe

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



225CE3



004DFF



4522E3



676B73



0036B3



000F33



# Previews

## White Background



This preview shows how the Hex color E3A922 looks on a white background.

## Color Contrast Check

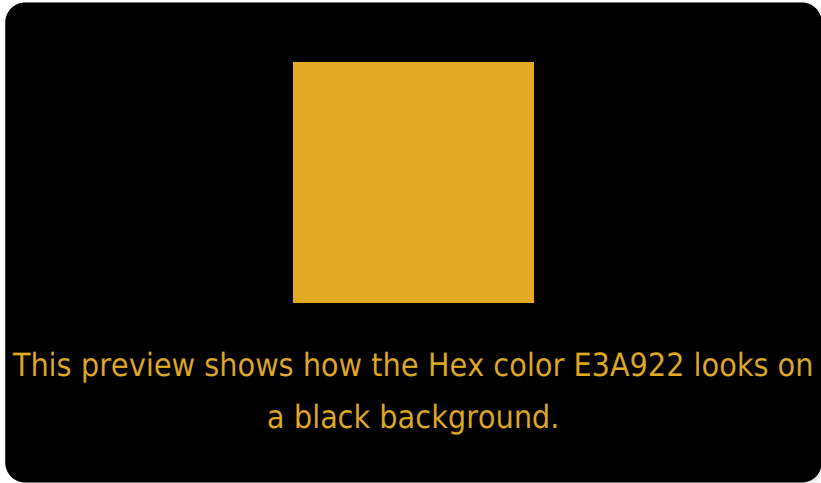
Large Text (above 18pt) WCAG AA × Fail

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 E3A922 Background



This preview shows how black text looks on a background with the Hex color E3A922.



This preview shows how white text looks on a background with the Hex color E3A922.

# 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**  
E3A922

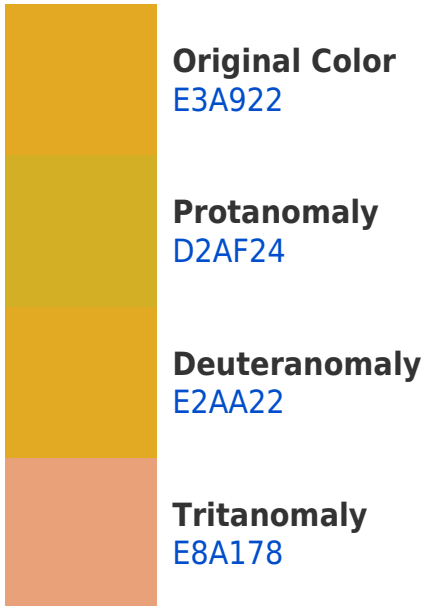
**Protanopia**  
C9B325

**Deuteranopia**  
E2AA22

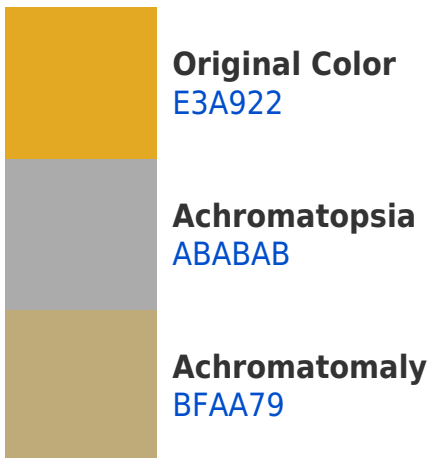


**Tritanopia**  
EB9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3A922 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 #E3A922 looks like.

```
.text, #text, p{  
    color:#E3A922  
}
```

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 #E3A922 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A922
}
```

## Border

The CSS property to change the border of an element to Hex E3A922 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
#E3A922 }
```

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

```
.border{ border-color:#E3A922 }
```

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

Here you see how a box with a 4 pixel #E3A922 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A922; -webkit-box-shadow:4px 4px  
4px 4px #E3A922; box-shadow:4px 4px 4px  
4px #E3A922 }
```

# Background

The CSS property to change the background color of an element to Hex E3A922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A922 }
```

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

```
.background{ background-color:#E3A922 }
```

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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