

Converting Colors

Hex(E3A22C)

Have a look what the booklet for
Hex(E3A22C) contains.

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Color

Hex(E3A22C)

Conversions

Conversions Part 1

Format	Color
Hex	E3A22C
RGB	227, 162, 44
RGB Percent	89%, 64%, 17%
CMY	0.1098, 0.3647, 0.8275
CMYK	0.00, 0.29, 0.81, 0.11
HSL	39°, 77%, 53%
HSV	39°, 81%, 89%
XYZ	45.0535, 42.3534, 8.1833
YIQ	167.9830, 76.6180, -22.9180

Conversions

Conversions Part 2

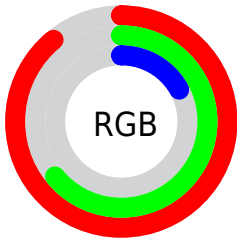
Format	Color
RYB	145, 227, 44
Decimal	14918188
CIELab	71.11, 14.36, 65.79
CIElCh	71, 67.343, 77.687
Yxy	42.3534, 0.4713, 0.4431
Android (android.graphics.Color)	4293108268 (0xFFE3A22C)
YUV	167.9830, -61.1236, 51.7579
Hunter-Lab	65.0795, 9.6836, 38.1003

Details

The Hex color **E3A22C** 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 **2C6DE3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD964**, and **A66F00** is the 20% darker color. If you saturate the color by 10%, you get **E39A15**, and if you desaturate by 10%, it is **E3AA43**.

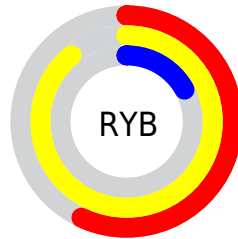
Distribution



Red (89%)

Green (64%)

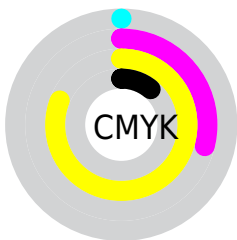
Blue (17%)



Red (57%)

Yellow (89%)

Blue (17%)

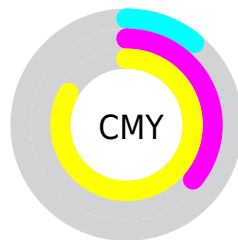


Cyan (0%)

Magenta (29%)

Yellow (81%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3A22C 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 E3A22C by changing the saturation by 10% instead.

 E3A22C

 E3A22C

FFFFFF

 C48804

 FFD964

 A66F00

 FFF57F

 895600

 FFFF9B

 6C3F00

 FFFFB7

 502900

 FFFFD3

 351500

 FFFFF0

 1E0000

 000000

 E3A22C

 E3A22C

 E39A15

 E3AA43

 E39200

 E3B259

 E3BA70

 E3C287

 E3CA9E

 E3D2B4

 E3DACB

 E3E3E2

 E3EBF8

Harmonies

Analogous

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



FF8955



E3A22C



ABB62B

Triad

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



E3A22C



00CBD2



DF8EFF

Complementary

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



E3A22C



2C6DE3

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.



7EA8FF



E3A22C



00C8FF

Square

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



E3A22C



00CA92



00BCFF



FF78CA

Rectangle

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



E3A22C



7EC045



00BCFF



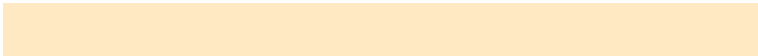
C597FF

Sweetspot

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



E3A22C



FFE9C2



E32C6F



80725B



000000



808080

Same Dimension

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



E3A22C



FFA708



CBE32C



736F67



B37300



332100

Inverse Universe

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



2C6DE3



0860FF



442CE3



676B73



003FB3



001233

Previews

White Background



This preview shows how the Hex color E3A22C looks on a white background.

Color Contrast Check

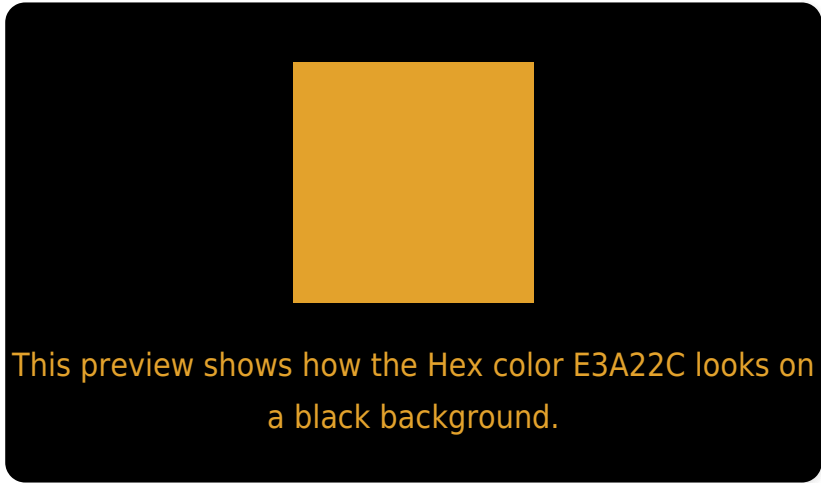
Large Text (above 18pt) WCAG AA × Fail

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 E3A22C Background



This preview shows how black text looks on a background with the Hex color E3A22C.

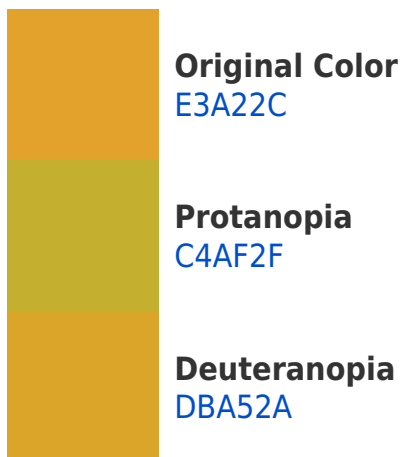


This preview shows how white text looks on a background with the Hex color E3A22C.

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](#).

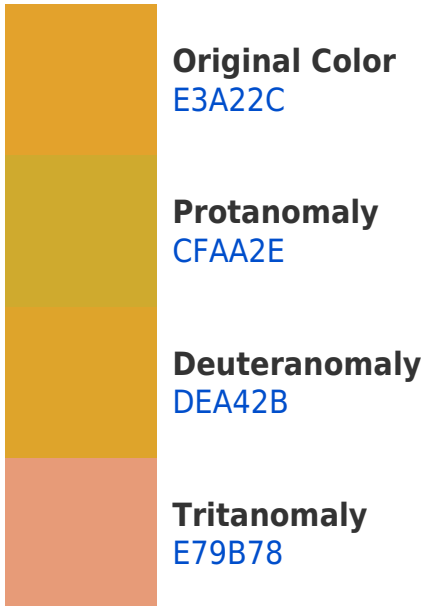
Dichromacy



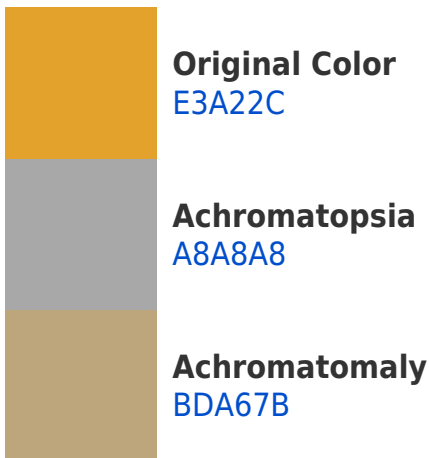


Tritanopia
EA97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3A22C 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 #E3A22C looks like.

```
.text, #text, p{  
    color:#E3A22C  
}
```

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 #E3A22C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A22C
}
```

Border

The CSS property to change the border of an element to Hex E3A22C 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
#E3A22C }
```

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

```
.border{ border-color:#E3A22C }
```

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

Here you see how a box with a 4 pixel #E3A22C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A22C; -webkit-box-shadow:4px 4px  
4px 4px #E3A22C; box-shadow:4px 4px 4px  
4px #E3A22C }
```

Background

The CSS property to change the background color of an element to Hex E3A22C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A22C }
```

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

```
.background{ background-color:#E3A22C }
```

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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