

Converting Colors

Hex(E3A40F)

Have a look what the booklet for
Hex(E3A40F) contains.

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Color

Hex(E3A40F)

Conversions

Conversions Part 1

Format	Color
Hex	E3A40F
RGB	227, 164, 15
RGB Percent	89%, 64%, 6%
CMY	0.1098, 0.3569, 0.9412
CMYK	0.00, 0.28, 0.93, 0.11
HSL	42°, 88%, 47%
HSV	42°, 93%, 89%
XYZ	45.0402, 42.9163, 6.3617
YIQ	165.8510, 85.3770, -32.9830

Conversions

Conversions Part 2

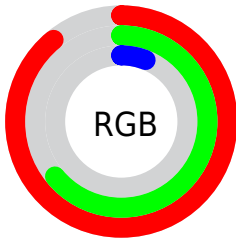
Format	Color
RYB	105, 227, 15
Decimal	14918671
CIELab	71.50, 12.67, 73.25
CIELCh	71, 74.339, 80.189
Yxy	42.9163, 0.4775, 0.4550
Android (android.graphics.Color)	4293108751 (0xFFE3A40F)
YUV	165.8510, -74.3695, 53.6277
Hunter-Lab	65.5105, 8.0801, 40.0997

Details

The Hex color **E3A40F** 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 **0F4EE3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDB53**, and **A67100** is the 20% darker color. If you saturate the color by 10%, you get **E3A000**, and if you desaturate by 10%, it is **E3AB26**.

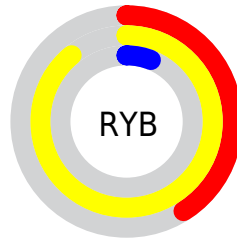
Distribution



Red (89%)

Green (64%)

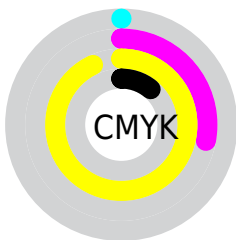
Blue (6%)



Red (41%)

Yellow (89%)

Blue (6%)

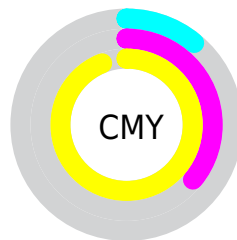


Cyan (0%)

Magenta (28%)

Yellow (93%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3A40F 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 E3A40F by changing the saturation by 10% instead.

 E3A40F

 E3A40F

FFFFFF

 C48A00

 FFDB53

 A67100

 FFF76F

 895800

 FFFF8B

 6B4100

 FFFFA7

 4F2B00

 FFFFC4

 351700

 FFFF E1

 1D0000

FFFFFFE

 000000

 E3A40F

 E3A40F

 E3A000

 E3AB26

 E3B13C

 E3B853

 E3BF6A

 E3C681

 E3CC97

 E3D3AE

 E3DAC5

 E3E1DB

Harmonies

Analogous

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



FF8847



E3A40F



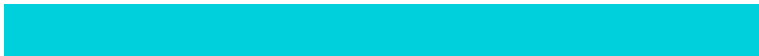
A5BA15

Triad

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



E3A40F



00CFDC



EB88FF

Complementary

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



E3A40F



0F4EE3

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.



82A7FF



E3A40F



00CAFF

Square

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



E3A40F



00CD96



00BDFE



FF6EC8

Rectangle

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



E3A40F



70C33D



00BDFF



CF92FF

Sweetspot

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



E3A40F



FFEAB8



E30F4F



807354



000000



808080

Same Dimension

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



E3A40F



FFB300



B9E30F



736F67



B37D00



332400

Inverse Universe

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



0F4EE3



004CFF



390FE3



676B73



0035B3



000F33

Previews

White Background



This preview shows how the Hex color E3A40F looks on a white background.

Color Contrast Check

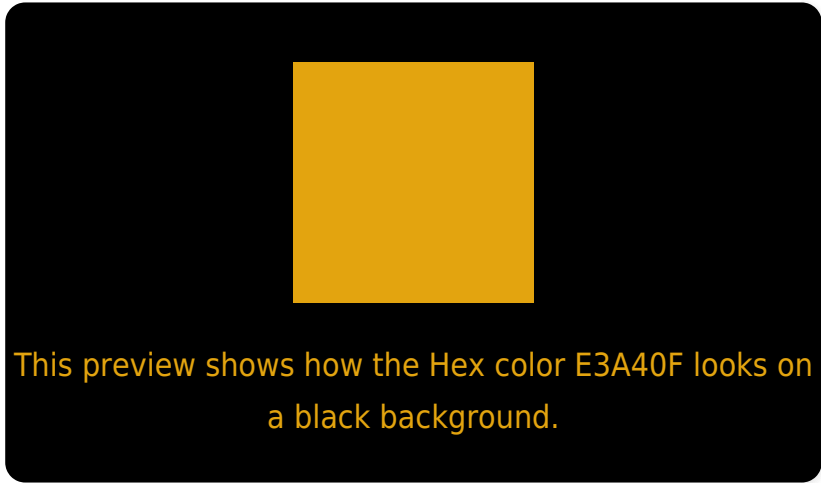
Large Text (above 18pt) WCAG AA × Fail

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 E3A40F Background



This preview shows how black text looks on a background with the Hex color E3A40F.



This preview shows how white text looks on a background with the Hex color E3A40F.

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
E3A40F

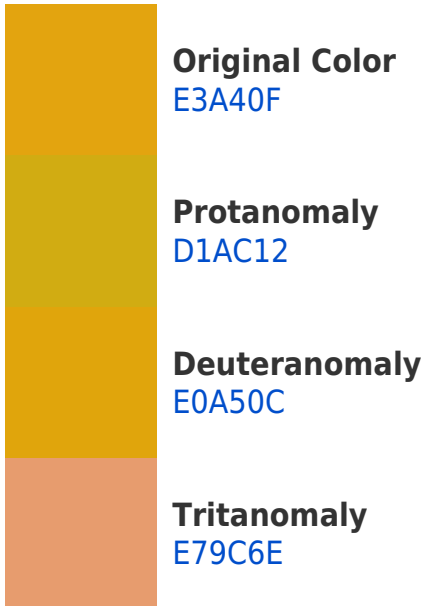
Protanopia
C6B014

Deuteranopia
DEA60B

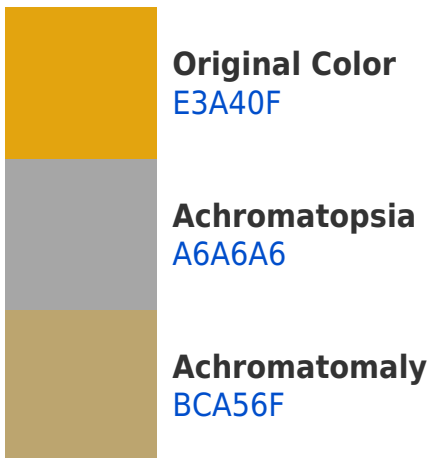


Tritanopia
EA98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3A40F 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 #E3A40F looks like.

```
.text, #text, p{  
    color:#E3A40F  
}
```

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 #E3A40F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A40F
}
```

Border

The CSS property to change the border of an element to Hex E3A40F 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
#E3A40F }
```

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

```
.border{ border-color:#E3A40F }
```

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

Here you see how a box with a 4 pixel #E3A40F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A40F; -webkit-box-shadow:4px 4px  
4px 4px #E3A40F; box-shadow:4px 4px 4px  
4px #E3A40F }
```

Background

The CSS property to change the background color of an element to Hex E3A40F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A40F }
```

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

```
.background{ background-color:#E3A40F }
```

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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