

Converting Colors

Hex(E3A403)

Have a look what the booklet for
Hex(E3A403) contains.

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Color

Hex(E3A403)

Conversions

Conversions Part 1

Format	Color
Hex	E3A403
RGB	227, 164, 3
RGB Percent	89%, 64%, 1%
CMY	0.1098, 0.3569, 0.9882
CMYK	0.00, 0.28, 0.99, 0.11
HSL	43°, 97%, 45%
HSV	43°, 99%, 89%
XYZ	44.9704, 42.8884, 5.9942
YIQ	164.4830, 89.2290, -36.7150

Conversions

Conversions Part 2

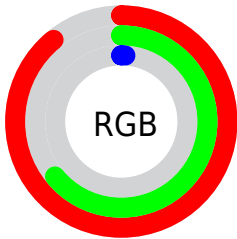
Format	Color
R _Y B	91, 227, 3
Decimal	14918659
CIE Lab	71.48, 12.55, 74.74
CIE LCh	71, 75.789, 80.471
Yxy	42.8884, 0.4792, 0.4570
Android (android.graphics.Color)	4293108739 (0xFFE3A403)
YUV	164.4830, -79.6111, 54.8274
Hunter-Lab	65.4892, 7.9671, 40.4156

Details

The Hex color **E3A403** 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 **0342E3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDB4F**, and **A67100** is the 20% darker color. If you saturate the color by 10%, you get **E3A300**, and if you desaturate by 10%, it is **E3AA1A**.

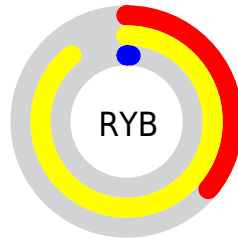
Distribution



Red (89%)

Green (64%)

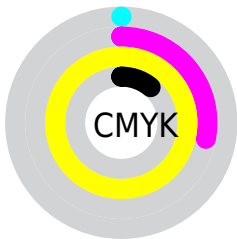
Blue (1%)



Red (36%)

Yellow (89%)

Blue (1%)

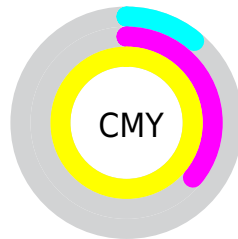


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3A403 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 E3A403 by changing the saturation by 10% instead.

 E3A403

 E3A403

FFFFFF

 C48A00

 FFDB4F

 A67100

 FFF76B

 885800

 FFFF87

 6B4100

 FFFFA4

 4F2B00

 FFFFC0

 341700

 FFFFDD

 1D0000

 FFFFFB

 000000

 E3A403

 E3A403

 E3A300

 E3AA1A

 E3B130

 E3B747

 E3BE5E

 E3C475

 E3CA8B

 E3D1A2

 E3D7B9

 E3DDCF

Harmonies

Analogous

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



FF8744



E3A403



A3BA0D

Triad

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



E3A403



00CFDE



EC87FF

Complementary

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



E3A403



0342E3

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.



81A6FF



E3A403



00CBFF

Square

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



E3A403



00CE96



00BEFF



FF6CC8

Rectangle

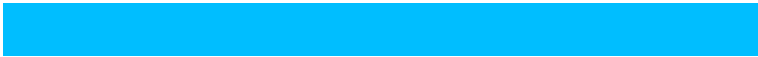
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3A403



6DC43B



00BEFF



D191FF

Sweetspot

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



E3A403



FFE9B3



E30342



807352



000000



808080

Same Dimension

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



E3A403



FFB700



B2E303



737067



B38000



332500

Inverse Universe

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



0342E3



0048FF



3403E3



676B73



0032B3



000E33

Previews

White Background



This preview shows how the Hex color E3A403 looks on a white background.

Color Contrast Check

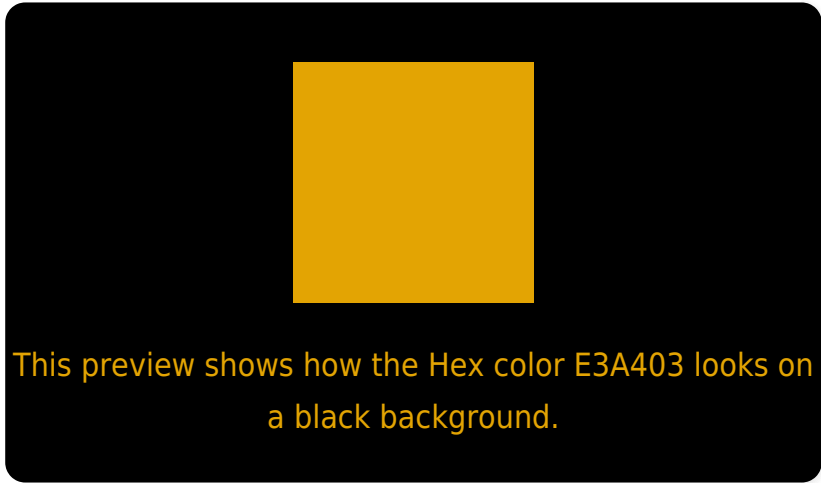
Large Text (above 18pt) WCAG AA × Fail

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 E3A403 Background



This preview shows how black text looks on a background with the Hex color E3A403.



This preview shows how white text looks on a background with the Hex color E3A403.

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
E3A403

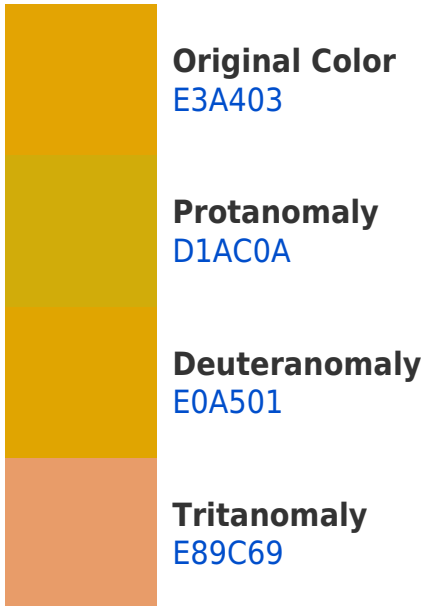
Protanopia
C6B00E

Deuteranopia
DEA600

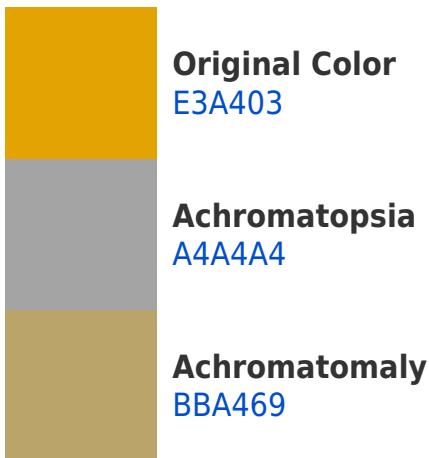


Tritanopia
EB98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3A403 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 #E3A403 looks like.

```
.text, #text, p{  
    color:#E3A403  
}
```

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 #E3A403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A403
}
```

Border

The CSS property to change the border of an element to Hex E3A403 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
#E3A403 }
```

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

```
.border{ border-color:#E3A403 }
```

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

Here you see how a box with a 4 pixel #E3A403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A403; -webkit-box-shadow:4px 4px  
4px 4px #E3A403; box-shadow:4px 4px 4px  
4px #E3A403 }
```

Background

The CSS property to change the background color of an element to Hex E3A403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A403 }
```

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

```
.background{ background-color:#E3A403 }
```

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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