

Converting Colors

Hex(E3AE15)

Have a look what the booklet for
Hex(E3AE15) contains.

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Color

Hex(**E3AE15**)

Conversions

Conversions Part 1

Format	Color
Hex	E3AE15
RGB	227, 174, 21
RGB Percent	89%, 68%, 8%
CMY	0.1098, 0.3176, 0.9176
CMYK	0.00, 0.23, 0.91, 0.11
HSL	45°, 83%, 49%
HSV	45°, 91%, 89%
XYZ	46.9500, 46.6571, 7.2407
YIQ	172.4050, 80.7010, -36.3470

Conversions

Conversions Part 2

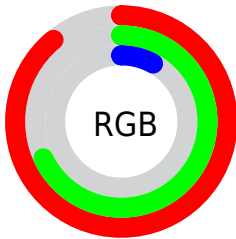
Format	Color
R _{YB}	92, 227, 21
Decimal	14921237
CIE Lab	73.97, 7.45, 74.09
CIE LCh	74, 74.466, 84.261
Yxy	46.6571, 0.4656, 0.4626
Android (android.graphics.Color)	4293111317 (0xFFE3AE15)
YUV	172.4050, -74.6427, 47.8798
Hunter-Lab	68.3060, 3.1559, 41.5293

Details

The Hex color **E3AE15** 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 **154AE3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE557**, and **A67A00** is the 20% darker color. If you saturate the color by 10%, you get **E3A900**, and if you desaturate by 10%, it is **E3B42C**.

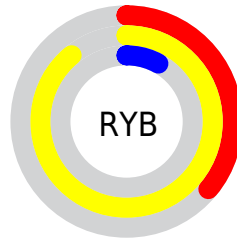
Distribution



Red (89%)

Green (68%)

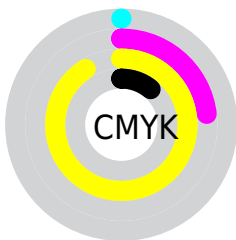
Blue (8%)



Red (36%)

Yellow (89%)

Blue (8%)

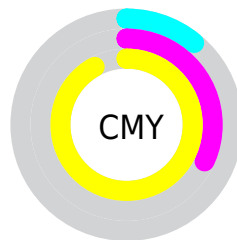


Cyan (0%)

Magenta (23%)

Yellow (91%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3AE15 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 E3AE15 by changing the saturation by 10% instead.

 E3AE15

 E3AE15

FFFFFF

 C49400

 FFE557

 A67A00

 FFFF73

 896100

 FFFF8F

 6C4A00

 FFFFAC

 503400

 FFFFC8

 361F00

 FFFFEE

 1E0800

 000000

 E3AE15

 E3AE15

 E3A900

 E3B42C

 E3BA42

 E3C059

 E3C570

 E3CB87

 E3D19D

 E3D7B4

 E3DDCB

 E3E3E1

Harmonies

Analogous

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



FF9246



E3AE15



A2C326

Triad

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



E3AE15



00D6EC



FC8AFF

Complementary

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



E3AE15



154AE3

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.



9DA9FF



E3AE15



00D0FF

Square

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



E3AE15



00D5A6



00C2FF



FF74C6

Rectangle

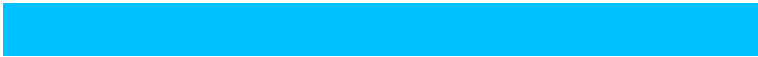
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3AE15



6ACC4C



00C2FF



E295FF

Sweetspot

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



E3AE15



FFEDBA



E3154C



807557



000000



808080

Same Dimension

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



E3AE15



FFBD00



B3E315



737067



B38500



332600

Inverse Universe

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



154AE3



0042FF



4515E3



676A73



002EB3



000D33

Previews

White Background



This preview shows how the Hex color E3AE15 looks on a white background.

Color Contrast Check

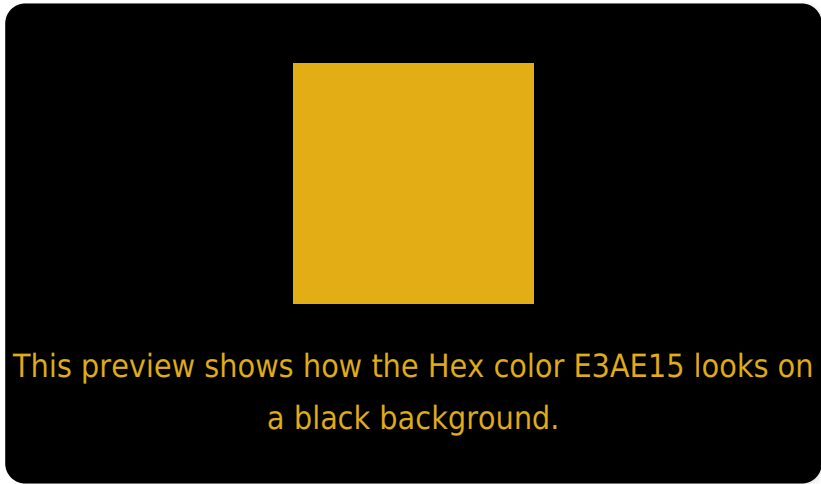
Large Text (above 18pt) WCAG AA × Fail

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 E3AE15 Background



This preview shows how black text looks on a background with the Hex color E3AE15.



This preview shows how white text looks on a background with the Hex color E3AE15.

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
E3AE15

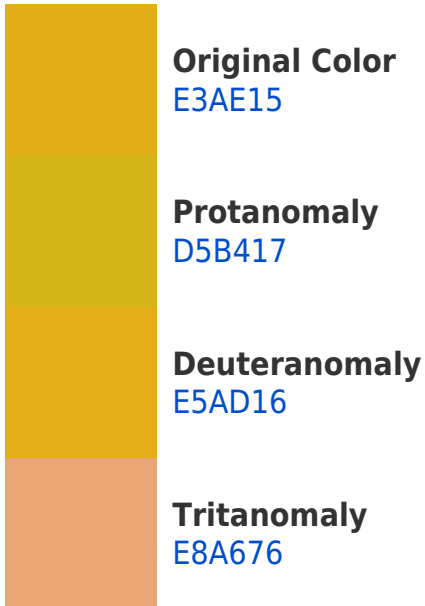
Protanopia
CDB718

Deuteranopia
E6AD16

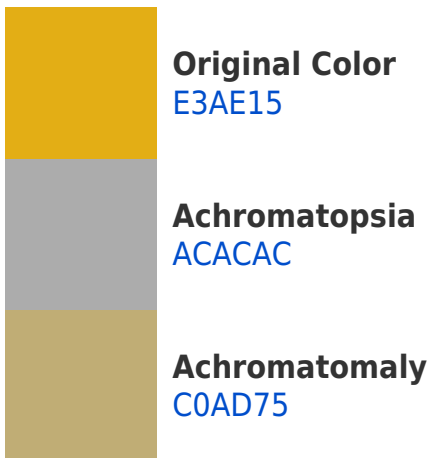


Tritanopia
EBA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3AE15 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 #E3AE15 looks like.

```
.text, #text, p{  
    color:#E3AE15  
}
```

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 #E3AE15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3AE15
}
```

Border

The CSS property to change the border of an element to Hex E3AE15 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
#E3AE15 }
```

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

```
.border{ border-color:#E3AE15 }
```

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

Here you see how a box with a 4 pixel #E3AE15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3AE15; -webkit-box-shadow:4px 4px  
4px 4px #E3AE15; box-shadow:4px 4px 4px  
4px #E3AE15 }
```

Background

The CSS property to change the background color of an element to Hex E3AE15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3AE15 }
```

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

```
.background{ background-color:#E3AE15 }
```

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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