

# Converting Colors

Hex(E5AE17)

Have a look what the booklet for  
Hex(E5AE17) contains.

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# **Color**

**Hex(E5AE17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5AE17
RGB	229, 174, 23
RGB Percent	90%, 68%, 9%
CMY	0.1020, 0.3176, 0.9098
CMYK	0.00, 0.24, 0.90, 0.10
HSL	44°, 82%, 49%
HSV	44°, 90%, 90%
XYZ	47.6038, 46.9920, 7.3720
YIQ	173.2310, 81.2510, -35.3010

# Conversions

## Conversions Part 2

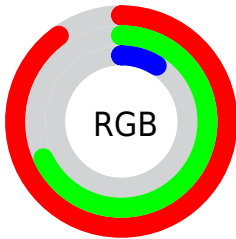
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 229, 23
Decimal	15052311
CIE Lab	74.18, 8.35, 73.98
CIE LCh	74, 74.445, 83.562
Yxy	46.9920, 0.4669, 0.4609
Android (android.graphics.Color)	4293242391 (0xFFE5AE17)
YUV	173.2310, -74.0639, 48.9094
Hunter-Lab	68.5507, 3.9924, 41.6094

# Details

The Hex color **E5AE17** 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 **174EE5**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFE558**, and **A87A00** is the 20% darker color. If you saturate the color by 10%, you get **E5A800**, and if you desaturate by 10%, it is **E5B42E**.

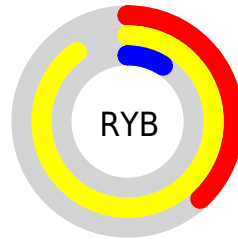
# Distribution



Red (90%)

Green (68%)

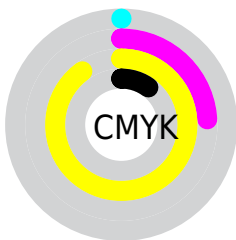
Blue (9%)



Red (38%)

Yellow (90%)

Blue (9%)

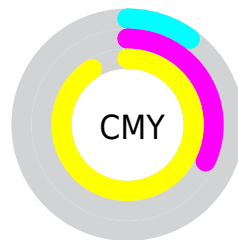


Cyan (0%)

Magenta (24%)

Yellow (90%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5AE17 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 E5AE17 by changing the saturation by 10% instead.



 E5AE17

 E5AE17

FFFFFF

 C69400

 FFE558

 A87A00

 FFFF74

 8B6100

 FFFF90

 6E4A00

 FFFFAD

 523400

 FFFFC9

 371F00

 FFFF7E

 1F0800

 000000

 E5AE17

 E5AE17

 E5A800

 E5B42E

 E5BA45

 E5C05C

 E5C673

 E5CD8A

 E5D3A0

 E5D9B7

 E5DFCE

 E5E5E5

# Harmonies

## Analogous

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



FF9248



E5AE17



A4C326

# Triad

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



E5AE17



00D6EB



FB8CFF

# Complementary

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



E5AE17



174EE5

# 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.



9AABFF



E5AE17



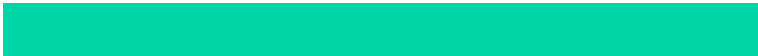
00D1FF

# Square

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



E5AE17



00D6A5



00C3FF



FF75C8

# Rectangle

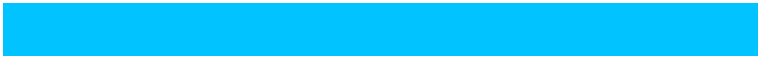
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5AE17



6DCC4B



00C3FF



E196FF



# Sweetspot

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



E5AE17



FFEDBA



E51751



807557



000000



808080



# Same Dimension

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



E5AE17



FFBB00



B8E517



737067



B38300



332500



# Inverse Universe

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



174EE5



0044FF



4417E5



676A73



0030B3



000E33



# Previews

## White Background



This preview shows how the Hex color E5AE17 looks on a white background.

## Color Contrast Check

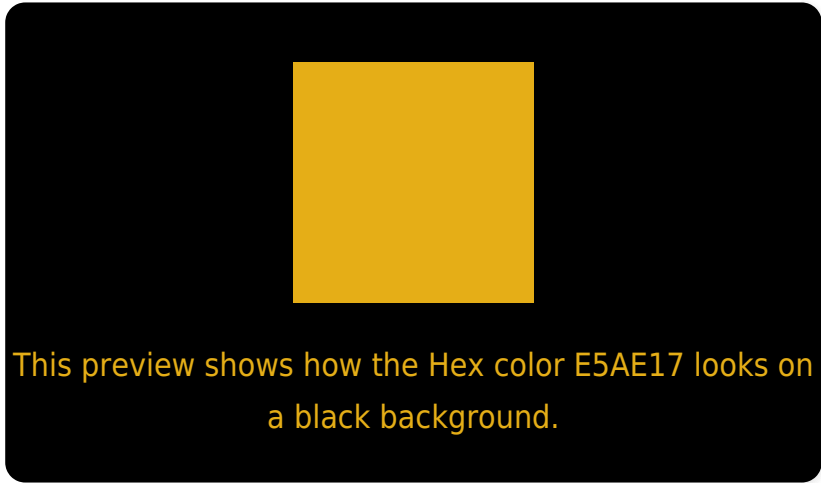
Large Text (above 18pt) WCAG AA × Fail

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 E5AE17 Background



This preview shows how black text looks on a background with the Hex color E5AE17.



This preview shows how white text looks on a background with the Hex color E5AE17.

# 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



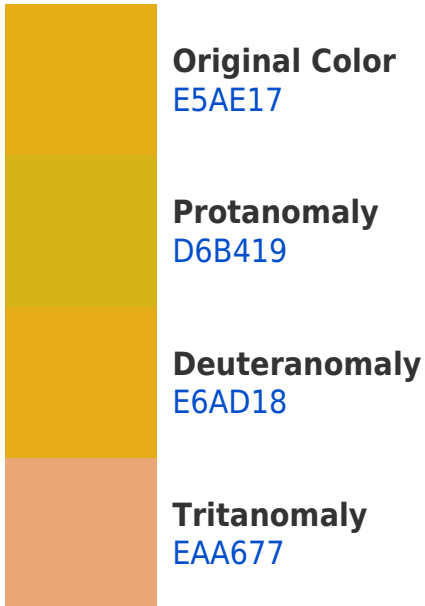
**Original Color**  
E5AE17

**Protanopia**  
CEB71A

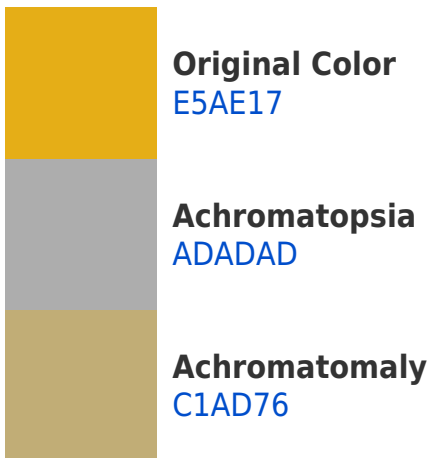
**Deuteranopia**  
E7AD18



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5AE17 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 #E5AE17 looks like.

```
.text, #text, p{  
    color:#E5AE17  
}
```

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 #E5AE17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AE17
}
```

## Border

The CSS property to change the border of an element to Hex E5AE17 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
#E5AE17 }
```

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

```
.border{ border-color:#E5AE17 }
```

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

Here you see how a box with a 4 pixel #E5AE17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AE17; -webkit-box-shadow:4px 4px  
4px 4px #E5AE17; box-shadow:4px 4px 4px  
4px #E5AE17 }
```

# Background

The CSS property to change the background color of an element to Hex E5AE17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AE17 }
```

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

```
.background{ background-color:#E5AE17 }
```

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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