

# Converting Colors

Hex(E5AF3E)

Have a look what the booklet for  
Hex(E5AF3E) contains.

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# **Color**

**Hex(E5AF3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5AF3E
RGB	229, 175, 62
RGB Percent	90%, 69%, 24%
CMY	0.1020, 0.3137, 0.7569
CMYK	0.00, 0.24, 0.73, 0.10
HSL	41°, 76%, 57%
HSV	41°, 73%, 90%
XYZ	48.5126, 47.6658, 11.2010
YIQ	178.2640, 68.4570, -23.6950

# Conversions

## Conversions Part 2

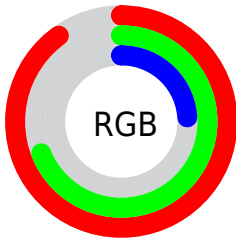
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 229, 62
Decimal	15052606
CIELab	74.61, 9.01, 62.52
CIELCh	75, 63.164, 81.800
Yxy	47.6658, 0.4518, 0.4439
Android (android.graphics.Color)	4293242686 (0xFFE5AF3E)
YUV	178.2640, -57.3182, 44.4955
Hunter-Lab	69.0404, 4.6058, 38.7092

# Details

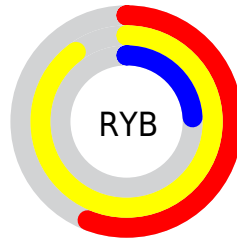
The Hex color **E5AF3E** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3E74E5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE674**, and **A97B00** is the 20% darker color. If you saturate the color by 10%, you get **E5A827**, and if you desaturate by 10%, it is **E5B655**.

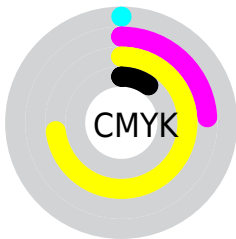
# Distribution



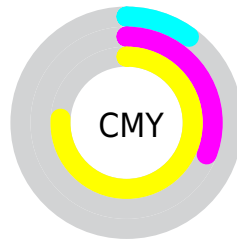
- Red (90%)
- Green (69%)
- Blue (24%)



- Red (56%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5AF3E 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 E5AF3E by changing the saturation by 10% instead.



 E5AF3E

 E5AF3E

FFFFFF

 C79521

 FFE674

 A97B00

 FFFF8F

 8C6200

 FFFFAB

 704B00

 FFFFC7

 543400

 FFFFE4

 391F00

 210900

 000000

 E5AF3E

 E5AF3E

 E5A827

 E5B655

 E5A010

 E5BE6C

 E59B00

 E5C583

 E5CD9A

 E5D4B1

 E5DBC7

 E5E3DE

 E5EAF5

 E5F2FF

# Harmonies

## Analogous

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



FF995D



E5AF3E



AEC144

# Triad

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



E5AF3E



00D4E1



EF97FF

# Complementary

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



E5AF3E



3E74E5

# 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.



9EAFFF



E5AF3E



00CFFF

# Square

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



E5AF3E



00D3A5



00C3FF



FF85CA

# Rectangle

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



E5AF3E



82CA5C



00C3FF



D99FFF



# Sweetspot

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



E5AF3E



FFEDC7



E53E76



80755E



000000



808080



# Same Dimension

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



E5AF3E



FFB61F



C9E53E



736F67



B37900



332300



# Inverse Universe

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



3E74E5



1F67FF



5A3EE5



676B73



003AB3



001033



# Previews

## White Background



This preview shows how the Hex color E5AF3E looks on a white background.

## Color Contrast Check

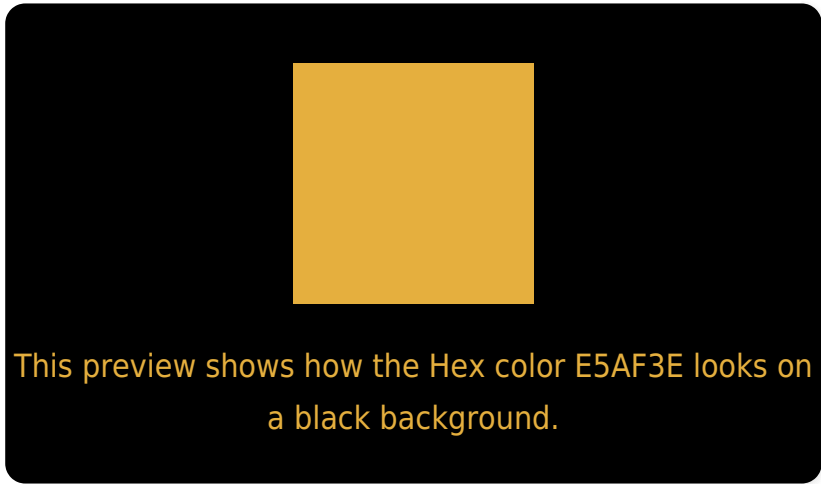
Large Text (above 18pt) WCAG AA × Fail

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 E5AF3E Background



This preview shows how black text looks on a background with the Hex color E5AF3E.



This preview shows how white text looks on a background with the Hex color E5AF3E.

# Color Blindness Simulation

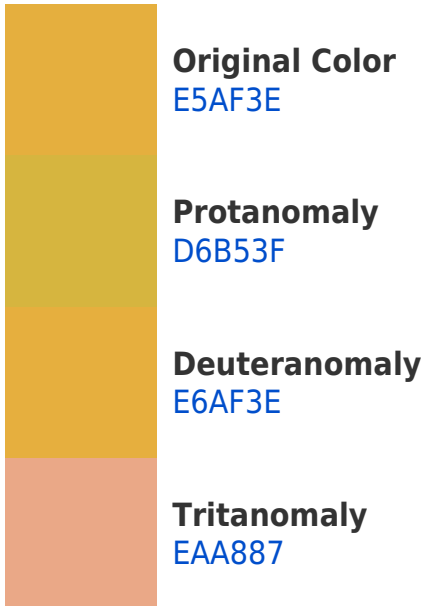
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5AF3E 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 #E5AF3E looks like.

```
.text, #text, p{  
    color:#E5AF3E  
}
```

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 #E5AF3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AF3E
}
```

## Border

The CSS property to change the border of an element to Hex E5AF3E 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
#E5AF3E }
```

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

```
.border{ border-color:#E5AF3E }
```

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

Here you see how a box with a 4 pixel #E5AF3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AF3E; -webkit-box-shadow:4px 4px  
4px 4px #E5AF3E; box-shadow:4px 4px 4px  
4px #E5AF3E }
```

# Background

The CSS property to change the background color of an element to Hex E5AF3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AF3E }
```

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

```
.background{ background-color:#E5AF3E }
```

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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