

Converting Colors

Hex(E5B40A)

Have a look what the booklet for
Hex(E5B40A) contains.

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Color

Hex(E5B40A)

Conversions

Conversions Part 1

Format	Color
Hex	E5B40A
RGB	229, 180, 10
RGB Percent	90%, 71%, 4%
CMY	0.1020, 0.2941, 0.9608
CMYK	0.00, 0.21, 0.96, 0.10
HSL	47°, 92%, 47%
HSV	47°, 96%, 90%
XYZ	48.6891, 49.3224, 7.2411
YIQ	175.2710, 83.7740, -42.4820

Conversions

Conversions Part 2

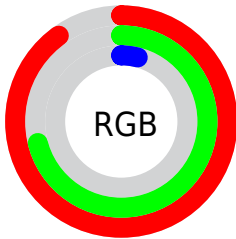
Format	Color
RYB	73, 229, 10
Decimal	15053834
CIELab	75.65, 5.02, 76.99
CIELCh	76, 77.153, 86.270
Yxy	49.3224, 0.4626, 0.4686
Android (android.graphics.Color)	4293243914 (0xFFE5B40A)
YUV	175.2710, -81.4786, 47.1203
Hunter-Lab	70.2299, 0.8484, 43.0478

Details

The Hex color **E5B40A** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **0A3BE5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEB54**, and **A88000** is the 20% darker color. If you saturate the color by 10%, you get **E5B200**, and if you desaturate by 10%, it is **E5B921**.

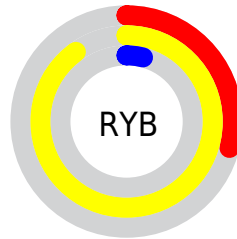
Distribution



Red (90%)

Green (71%)

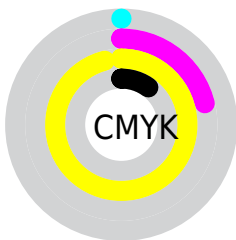
Blue (4%)



Red (29%)

Yellow (90%)

Blue (4%)

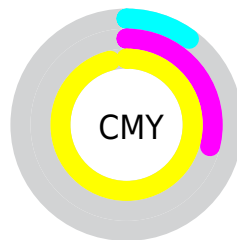


Cyan (0%)

Magenta (21%)

Yellow (96%)

Black (10%)



Cyan (10%)

Magenta (29%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5B40A 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 E5B40A by changing the saturation by 10% instead.

 E5B40A

 E5B40A

FFFFFF

 C69900

 FFE854

 A88000

 FFFF71

 8B6700

 FFFF8D

 6E4F00

 FFFFAA

 523900

 FFFFC7

 372400

 FFFF84

 1F0F00

 000000

 E5B40A

 E5B40A

 E5B200

 E5B921

 E5BE38

 E5C34F

 E5C866

 E5CE7D

 E5D393

 E5D8AA

 E5DDC1

 E5E2D8

Harmonies

Analogous

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



FF9742



E5B40A



A0C927

Triad

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



E5B40A



00DBF8



FF8BFF

Complementary

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



E5B40A



0A3BE5

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.



A8ABFF



E5B40A



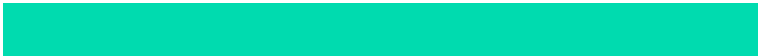
00D5FF

Square

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



E5B40A



00DBAF



00C5FF



FF74C6

Rectangle

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



E5B40A



64D250



00C5FF



EE96FF

Sweetspot

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



E5B40A



FFEEB5



E50A3D



807653



000000



808080

Same Dimension

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



E5B40A



FFC600



ABE50A



737067



B38B00



332800

Inverse Universe

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



0A3BE5



0039FF



440AE5



676A73



0028B3



000B33

Previews

White Background



This preview shows how the Hex color E5B40A looks on a white background.

Color Contrast Check

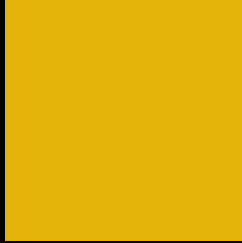
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E5B40A looks on a 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 E5B40A Background



This preview shows how black text looks on a background with the Hex color E5B40A.



This preview shows how white text looks on a background with the Hex color E5B40A.

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
E5B40A

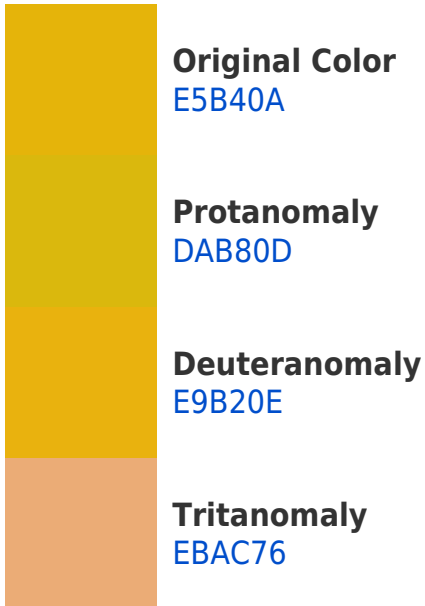
Protanopia
D3BB0E

Deuteranopia
ECB110

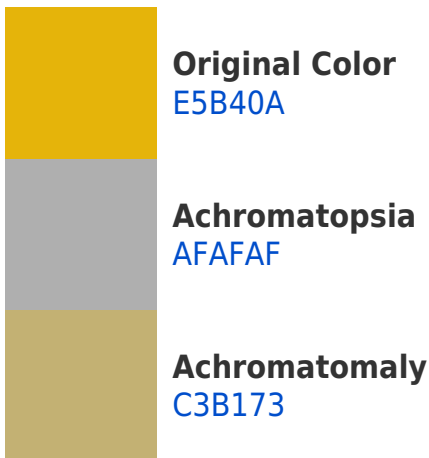


Tritanopia
EEA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5B40A 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 #E5B40A looks like.

```
.text, #text, p{  
    color:#E5B40A  
}
```

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 #E5B40A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B40A
}
```

Border

The CSS property to change the border of an element to Hex E5B40A 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
#E5B40A }
```

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

```
.border{ border-color:#E5B40A }
```

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

Here you see how a box with a 4 pixel #E5B40A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B40A; -webkit-box-shadow:4px 4px  
4px 4px #E5B40A; box-shadow:4px 4px 4px  
4px #E5B40A }
```

Background

The CSS property to change the background color of an element to Hex E5B40A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B40A }
```

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

```
.background{ background-color:#E5B40A }
```

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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