

Converting Colors

Hex(E5C63A)

Have a look what the booklet for
Hex(E5C63A) contains.

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Color

Hex(E5C63A)

Conversions

Conversions Part 1

Format	Color
Hex	E5C63A
RGB	229, 198, 58
RGB Percent	90%, 78%, 23%
CMY	0.1020, 0.2235, 0.7725
CMYK	0.00, 0.14, 0.75, 0.10
HSL	49°, 77%, 56%
HSV	49°, 75%, 90%
XYZ	53.2709, 57.3517, 12.2653
YIQ	191.3090, 63.4160, -36.9680

Conversions

Conversions Part 2

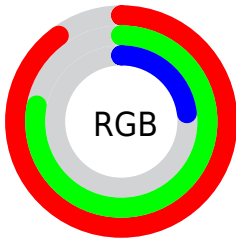
Format	Color
R _Y B	96, 229, 58
Decimal	15058490
CIE Lab	80.38, -3.17, 69.58
CIE LCh	80, 69.649, 92.612
Yxy	57.3517, 0.4335, 0.4667
Android (android.graphics.Color)	4293248570 (0xFFE5C63A)
YUV	191.3090, -65.7213, 33.0550
Hunter-Lab	75.7309, -6.9679, 43.4091

Details

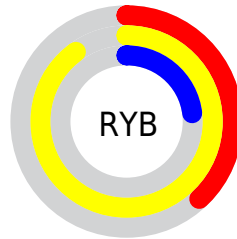
The Hex color **E5C63A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3A59E5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFE73**, and **A99100** is the 20% darker color. If you saturate the color by 10%, you get **E5C223**, and if you desaturate by 10%, it is **E5CA51**.

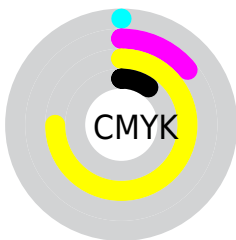
Distribution



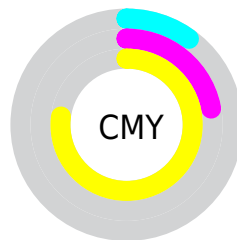
- Red (90%)
- Green (78%)
- Blue (23%)



- Red (38%)
- Yellow (90%)
- Blue (23%)



- Cyan (0%)
- Magenta (14%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5C63A 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 E5C63A by changing the saturation by 10% instead.

 E5C63A

 E5C63A

FFFFFF

 C7AB18

 FFFE73

 A99100

 FFFF8F

 8C7700

 FFFFAB


 705F00

 FFFF87

 544700

 FFFFE4

 3A3100

 211D00

 000300

 000000

 E5C63A

 E5C63A

 E5C223

 E5CA51

 E5BE0C

 E5CE68

 E5BB00

 E5D27F

 E5D796

 E5DBAC

 E5DFC3

 E5E3DA

 E5E7F1

 E5EBFF

Harmonies

Analogous

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



FFAE52



E5C63A



A2D852

Triad

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



E5C63A



00E6FF



FF99FF

Complementary

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



E5C63A



3A59E5

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.



D1B4FF



E5C63A



00DEFF

Square

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



E5C63A



00E7CB



36CDFE



FF8BC4

Rectangle

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



E5C63A



68E074



36CDFF



FFA1FF

Sweetspot

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



E5C63A



FFF5C7



E53A59



80795E



000000



808080

Same Dimension

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



E5C63A



FFD519



AFE53A



737167



B39200



332A00

Inverse Universe

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



3A59E5



1943FF



703AE5



676973



0020B3



000933

Previews

White Background



This preview shows how the Hex color E5C63A looks on a white background.

Color Contrast Check

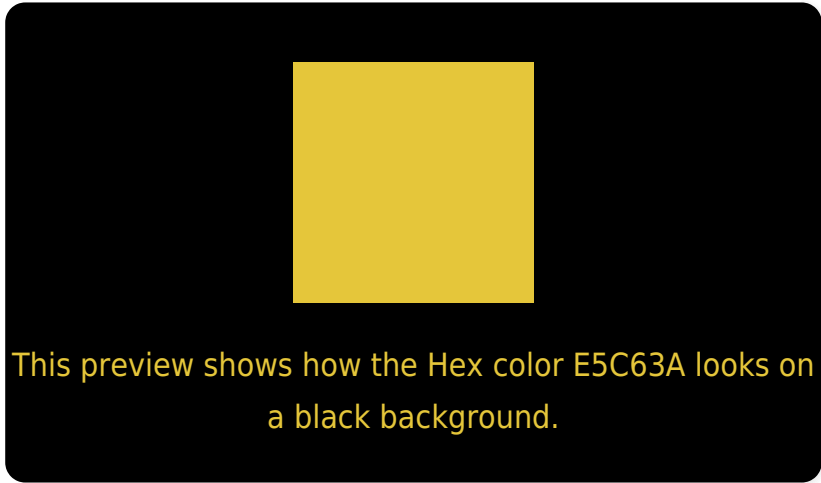
Large Text (above 18pt) WCAG AA × Fail

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 E5C63A Background



This preview shows how black text looks on a background with the Hex color E5C63A.

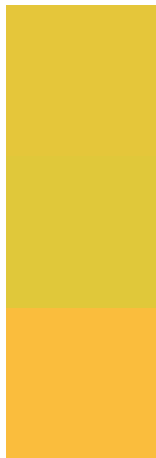


This preview shows how white text looks on a background with the Hex color E5C63A.

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
E5C63A

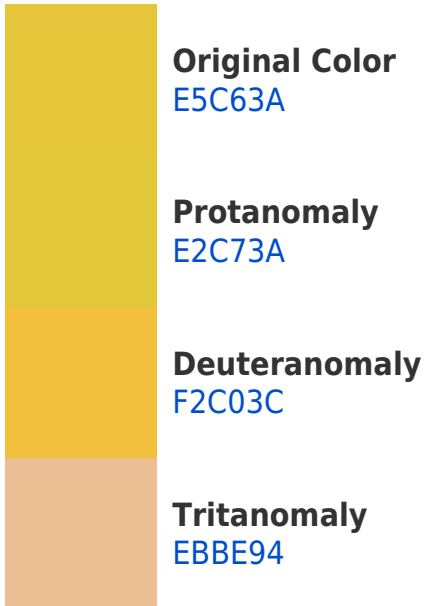
Protanopia
E0C83A

Deuteranopia
FABD3D



Tritanopia
EFB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5C63A 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 #E5C63A looks like.

```
.text, #text, p{  
    color:#E5C63A  
}
```

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 #E5C63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5C63A
}
```

Border

The CSS property to change the border of an element to Hex E5C63A 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
#E5C63A }
```

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

```
.border{ border-color:#E5C63A }
```

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

Here you see how a box with a 4 pixel #E5C63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5C63A; -webkit-box-shadow:4px 4px  
4px 4px #E5C63A; box-shadow:4px 4px 4px  
4px #E5C63A }
```

Background

The CSS property to change the background color of an element to Hex E5C63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5C63A }
```

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

```
.background{ background-color:#E5C63A }
```

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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