

Converting Colors

Hex(E5C31A)

Have a look what the booklet for
Hex(E5C31A) contains.

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Color

Hex(E5C31A)

Conversions

Conversions Part 1

Format	Color
Hex	E5C31A
RGB	229, 195, 26
RGB Percent	90%, 76%, 10%
CMY	0.1020, 0.2353, 0.8980
CMYK	0.00, 0.15, 0.89, 0.10
HSL	50°, 80%, 50%
HSV	50°, 89%, 90%
XYZ	52.0147, 55.7628, 8.9991
YIQ	185.9000, 74.5130, -45.3510

Conversions

Conversions Part 2

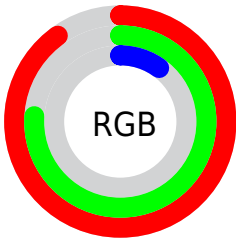
Format	Color
RYB	67, 229, 26
Decimal	15057690
CIELab	79.48, -2.57, 77.50
CIElCh	79, 77.542, 91.898
Yxy	55.7628, 0.4454, 0.4775
Android (android.graphics.Color)	4293247770 (0xFFE5C31A)
YUV	185.9000, -78.8307, 37.7987
Hunter-Lab	74.6745, -6.3459, 45.1270

Details

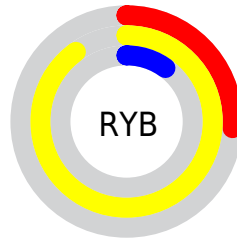
The Hex color **E5C31A** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **1A3CE5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFB5D**, and **A98E00** is the 20% darker color. If you saturate the color by 10%, you get **E5BF03**, and if you desaturate by 10%, it is **E5C731**.

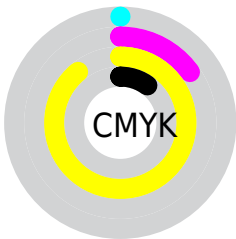
Distribution



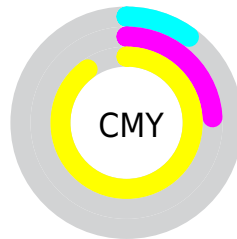
- Red (90%)
- Green (76%)
- Blue (10%)



- Red (26%)
- Yellow (90%)
- Blue (10%)



- Cyan (0%)
- Magenta (15%)
- Yellow (89%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5C31A 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 E5C31A by changing the saturation by 10% instead.

 E5C31A

 E5C31A

FFFFFF

 C7A800

 FFFB5D

 A98E00

 FFFF79

 8B7500

 FFFF96

 6F5C00

 FFFFB3

 534500

 FFFFD0

 382F00

 FFFFED

 201B00

 000000

 E5C31A

 E5C31A

 E5BF03

 E5C731

 E5BF00

 E5CB48

 E5CF5F

 E5D276

 E5D68C

 E5DAA3

 E5DEBA

 E5E2D1

 E5E6E8

Harmonies

Analogous

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



FFA741



E5C31A



9CD73D

Triad

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



E5C31A



00E6FF



FF90FF

Complementary

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



E5C31A



1A3CE5

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.



CBB0FF



E5C31A



00DEFF

Square

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



E5C31A



00E7C7



00CCFF



FF7EC3

Rectangle

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



E5C31A



57DF66



00CCFF



FF9AFF

Sweetspot

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



E5C31A



FFF3BA



E51A3F



807957



000000



808080

Same Dimension

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



E5C31A



FFD400



A5E51A



737167



B39500



332A00

Inverse Universe

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



1A3CE5



002BFF



5A1AE5



676973



001EB3



000933

Previews

White Background



This preview shows how the Hex color E5C31A looks on a white background.

Color Contrast Check

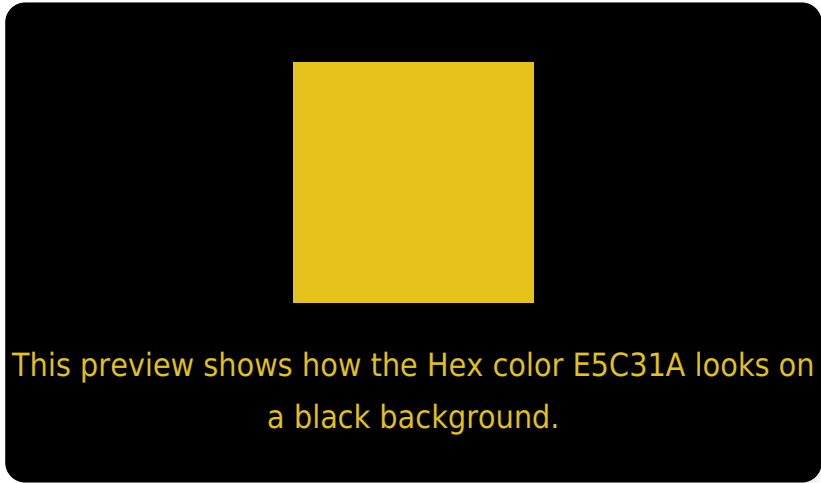
Large Text (above 18pt) WCAG AA × Fail

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 E5C31A Background



This preview shows how black text looks on a background with the Hex color E5C31A.



This preview shows how white text looks on a background with the Hex color E5C31A.

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
E5C31A

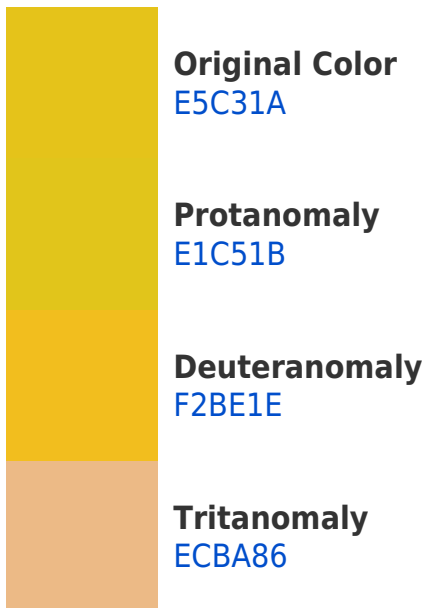
Protanopia
DEC61B

Deuteranopia
F9BB21



Tritanopia
F0B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5C31A 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 #E5C31A looks like.

```
.text, #text, p{  
    color:#E5C31A  
}
```

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 #E5C31A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5C31A
}
```

Border

The CSS property to change the border of an element to Hex E5C31A 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
#E5C31A }
```

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

```
.border{ border-color:#E5C31A }
```

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

Here you see how a box with a 4 pixel #E5C31A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5C31A; -webkit-box-shadow:4px 4px  
4px 4px #E5C31A; box-shadow:4px 4px 4px  
4px #E5C31A }
```

Background

The CSS property to change the background color of an element to Hex E5C31A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5C31A }
```

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

```
.background{ background-color:#E5C31A }
```

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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