

Converting Colors

Hex(EED41E)

Have a look what the booklet for
Hex(EED41E) contains.

Hex(EED41E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EED41E)

Conversions

Conversions Part 1

Format	Color
Hex	EED41E
RGB	238, 212, 30
RGB Percent	93%, 83%, 12%
CMY	0.0667, 0.1686, 0.8824
CMYK	0.00, 0.11, 0.87, 0.07
HSL	52°, 86%, 53%
HSV	52°, 87%, 93%
XYZ	59.0377, 65.3578, 10.7320
YIQ	199.0260, 73.9180, -51.0900

Conversions

Conversions Part 2

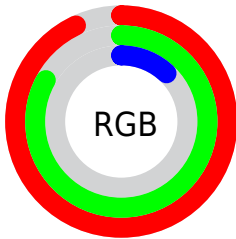
Format	Color
R _Y B	60, 238, 30
Decimal	15651870
CIE Lab	84.67, -7.30, 81.18
CIE LCh	85, 81.507, 95.139
Yxy	65.3578, 0.4369, 0.4837
Android (android.graphics.Color)	4293841950 (0xFFEED41E)
YUV	199.0260, -83.3298, 34.1802
Hunter-Lab	80.8442, -11.1250, 48.7202

Details

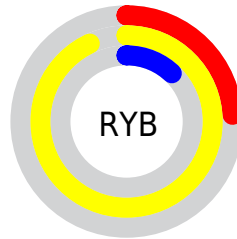
The Hex color **EED41E** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1E38EE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF62**, and **B19E00** is the 20% darker color. If you saturate the color by 10%, you get **EED106**, and if you desaturate by 10%, it is **EED736**.

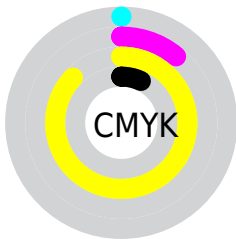
Distribution



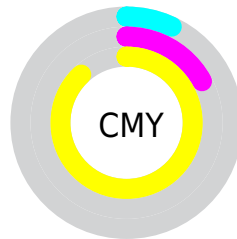
- Red (93%)
- Green (83%)
- Blue (12%)



- Red (24%)
- Yellow (93%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (87%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color EED41E 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 EED41E by changing the saturation by 10% instead.

 EED41E

 EED41E

FFFFFF

 CFB900

 FFFF62

 B19E00

 FFFF7F

 948400

 FFFF9C

 776B00

 FFFFB9

 5B5300

 FFFFD6

 403C00

 FFFFF4

 262700

 071300

 000000

 EED41E

 EED41E

 EED106

 EED736

 EED000

 EEDA4E

 EEDD65

 EEE07D

 EEE395

 EEE6AD

 EEE9C5

 EEECDC

 EEEFF4

Harmonies

Analogous

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



FFB741



EED41E



9EE849

Triad

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



EED41E



00F6FF



FF97FF

Complementary

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



EED41E



1E38EE

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.



E6B9FF



EED41E



00ECFF

Square

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



EED41E



00F8DF



00D8FF



FF88C9

Rectangle

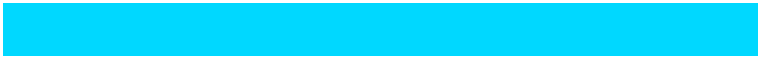
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EED41E



4DF076



00D8FF



FFA2FF

Sweetspot

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



EED41E



FFF7BD



EE1E3A



807B58



000000



808080

Same Dimension

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



EED41E



FFDF00



A2EE1E



78766C



B8A100



383100

Inverse Universe

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



1E38EE



0020FF



6A1EEE



6C6D78



0017B8



000738

Previews

White Background



This preview shows how the Hex color EED41E looks on a white background.

Color Contrast Check

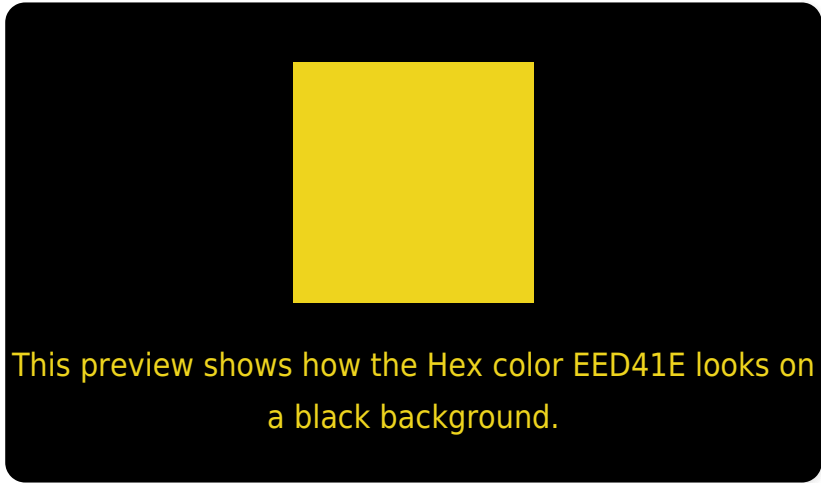
Large Text (above 18pt) WCAG AA × Fail

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 EED41E Background



This preview shows how black text looks on a background with the Hex color EED41E.



This preview shows how white text looks on a background with the Hex color EED41E.

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
EED41E

Protanopia
EED41E

Deuteranopia
FFCB71

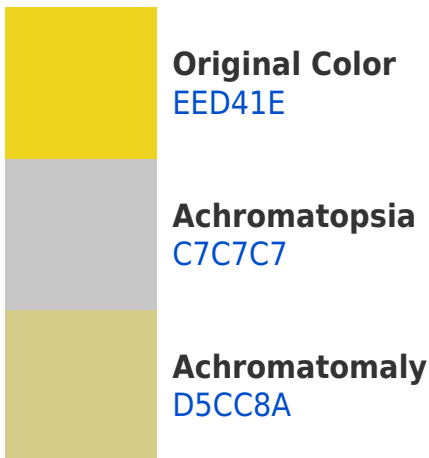


Tritanopia
FAC5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EED41E 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 #EED41E looks like.

```
.text, #text, p{  
    color:#EED41E  
}
```

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 #EED41E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED41E
}
```

Border

The CSS property to change the border of an element to Hex EED41E 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
#EED41E }
```

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

```
.border{ border-color:#EED41E }
```

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

Here you see how a box with a 4 pixel #EED41E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED41E; -webkit-box-shadow:4px 4px  
4px 4px #EED41E; box-shadow:4px 4px 4px  
4px #EED41E }
```

Background

The CSS property to change the background color of an element to Hex EED41E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED41E }
```

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

```
.background{ background-color:#EED41E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor