

Converting Colors

Hex(EED82E)

Have a look what the booklet for
Hex(EED82E) contains.

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Color

Hex(EED82E)

Conversions

Conversions Part 1

Format	Color
Hex	EED82E
RGB	238, 216, 46
RGB Percent	93%, 85%, 18%
CMY	0.0667, 0.1529, 0.8196
CMYK	0.00, 0.09, 0.81, 0.07
HSL	53°, 85%, 56%
HSV	53°, 81%, 93%
XYZ	60.3089, 67.4861, 12.4323
YIQ	203.1980, 67.6820, -48.2060

Conversions

Conversions Part 2

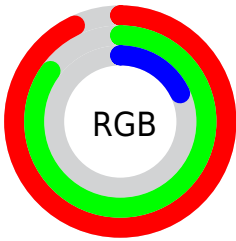
Format	Color
R _Y B	71, 238, 46
Decimal	15652910
CIE Lab	85.75, -8.92, 78.40
CIE LCh	86, 78.908, 96.491
Yxy	67.4861, 0.4301, 0.4813
Android (android.graphics.Color)	4293842990 (0xFFEED82E)
YUV	203.1980, -77.4986, 30.5214
Hunter-Lab	82.1499, -12.7198, 48.5322

Details

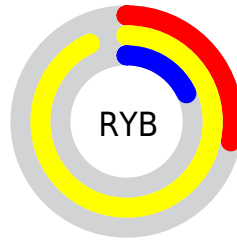
The Hex color **EED82E** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2E44EE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF6C**, and **B2A200** is the 20% darker color. If you saturate the color by 10%, you get **EED516**, and if you desaturate by 10%, it is **EEDB46**.

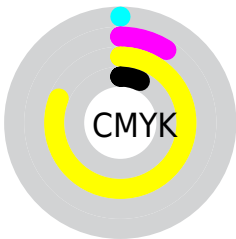
Distribution



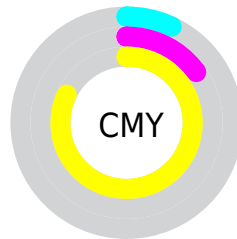
- Red (93%)
- Green (85%)
- Blue (18%)



- Red (28%)
- Yellow (93%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (81%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color EED82E 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 EED82E by changing the saturation by 10% instead.

 EED82E

 EED82E

FFFFFF

 D0BC00

 FFFF6C

 B2A200

 FFFF89

 948800

 FFFFA5

 786F00

 FFFF C2

 5B5700

 FFFF E0

 404000

FFFFFFE

 272A00

 091600

 000000

 EED82E

 EED82E

 EED516

 EEDB46

 EED300

 EEDD5E

 EEE075

 EEE38D

 EEE6A5

 EEE8BD

 EEEBD5

 EEEEEC

 EEF1FF

Harmonies

Analogous

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



FFBD47



EED82E



9FEB55

Triad

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



EED82E



00F8FF



FF9CFF

Complementary

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



EED82E



2E44EE

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.



EEBBFF



EED82E



00EEFF

Square

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



EED82E



00FAE5



46DAFF



FF8FC9

Rectangle

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



EED82E



52F380



46DAFF



FFA6FF

Sweetspot

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



EED82E



FFF8C2



EE2E44



807B5B



000000



808080

Same Dimension

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



EED82E



FFE308



A4EE2E



78766C



B8A300



383200

Inverse Universe

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



2E44EE



0824FF



782EEE



6C6D78



0015B8



000638

Previews

White Background



This preview shows how the Hex color EED82E looks on a white background.

Color Contrast Check

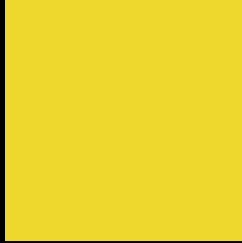
Large Text (above 18pt) WCAG AA × Fail

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 EED82E 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 EED82E Background



This preview shows how black text looks on a background with the Hex color EED82E.

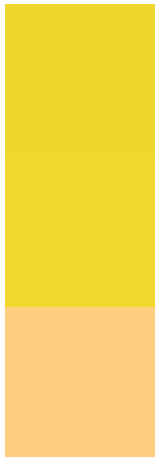


This preview shows how white text looks on a background with the Hex color EED82E.

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
EED82E

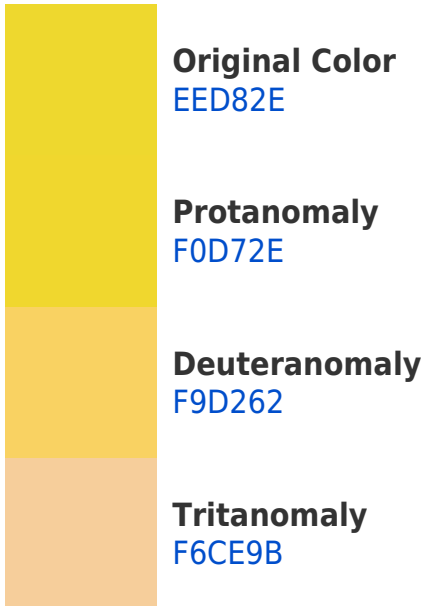
Protanopia
F1D72E

Deuteranopia
FFCF80

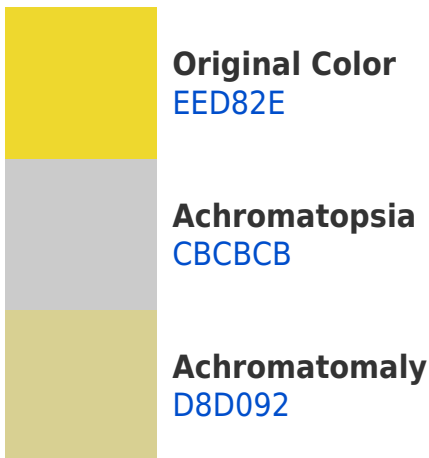


Tritanopia
FAC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EED82E 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 #EED82E looks like.

```
.text, #text, p{  
    color:#EED82E  
}
```

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 #EED82E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED82E
}
```

Border

The CSS property to change the border of an element to Hex EED82E 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
#EED82E }
```

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

```
.border{ border-color:#EED82E }
```

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

Here you see how a box with a 4 pixel #EED82E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED82E; -webkit-box-shadow:4px 4px  
4px 4px #EED82E; box-shadow:4px 4px 4px  
4px #EED82E }
```

Background

The CSS property to change the background color of an element to Hex EED82E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED82E }
```

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

```
.background{ background-color:#EED82E }
```

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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