

# Converting Colors

Hex(E2E83D)

Have a look what the booklet for  
Hex(E2E83D) contains.

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**Color**

**Hex(E2E83D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E83D
RGB	226, 232, 61
RGB Percent	89%, 91%, 24%
CMY	0.1137, 0.0902, 0.7608
CMYK	0.03, 0.00, 0.74, 0.09
HSL	62°, 79%, 57%
HSV	62°, 74%, 91%
XYZ	61.0629, 74.2189, 15.5222
YIQ	210.7120, 51.3150, -54.4530

# Conversions

## Conversions Part 2

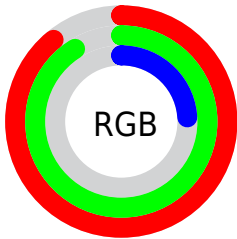
Format	Color
<a href="#">RYB</a>	<a href="#">61, 232, 67</a>
Decimal	<a href="#">14870589</a>
CIELab	<a href="#">89.03, -21.26, 76.60</a>
CIELCh	<a href="#">89, 79.496, 105.513</a>
Yxy	<a href="#">74.2189, 0.4049, 0.4922</a>
Android (android.graphics.Color)	<a href="#">4293060669 (0xFFE2E83D)</a>
YUV	<a href="#">210.7120, -73.8080, 13.4076</a>
Hunter-Lab	<a href="#">86.1504, -24.2433, 49.6227</a>

# Details

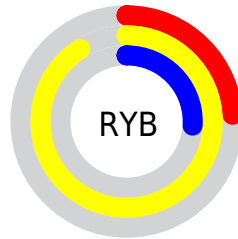
The Hex color **E2E83D** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **433DE8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF78**, and **A7B100** is the 20% darker color. If you saturate the color by 10%, you get **E1E826**, and if you desaturate by 10%, it is **E3E854**.

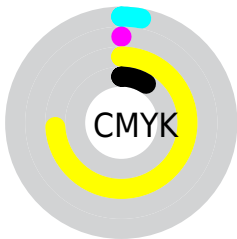
# Distribution



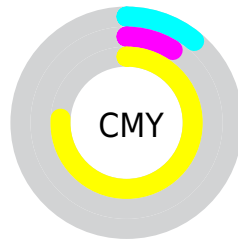
- Red (89%)
- Green (91%)
- Blue (24%)



- Red (24%)
- Yellow (91%)
- Blue (26%)



- Cyan (3%)
- Magenta (0%)
- Yellow (74%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2E83D 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 E2E83D by changing the saturation by 10% instead.



 E2E83D

 E2E83D

FFFFFF

 C4CC16

 FFFF78

 A7B100

 FFFF95

 8A9600

 FFFFB2

 6E7C00

 FFFFCE

 526300

 FFFFED

 364C00

 1C3500

 002000

 000000

 E2E83D

 E2E83D

 E1E826

 E3E854

 E0E80F

 E4E86B

 E0E800

 E4E883

 E5E89A

 E6E8B1

 E7E8C8

 E8E8DF

 E9E8F7

 E9E8FF

# Harmonies

## Analogous

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



FFCF43



E2E83D



8AF96F

# Triad

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



E2E83D



00FFFF



FF9EFF

# Complementary

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



E2E83D



433DE8

# 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.



FFBAFF



E2E83D



00F2FF

# Square

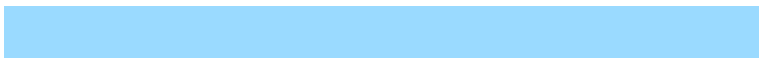
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2E83D



00FFFF



9ADAFF



FF9ABB

# Rectangle

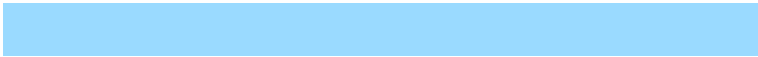
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2E83D



00FF9D



9ADAFF



FFA6FF



# Sweetspot

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



E2E83D



FDFFC7



E8433D



7E805E



000000



808080



# Same Dimension

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



E2E83D



F7FF1F



8DE83D



727367



ACB300



313300



# Inverse Universe

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



433DE8



261FFF



983DE8



686773



0600B3

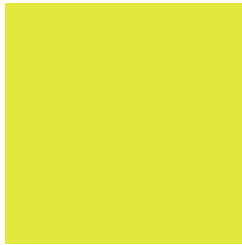


020033



# Previews

## White Background



This preview shows how the Hex color E2E83D 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 E2E83D 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 E2E83D Background



This preview shows how black text looks on a background with the Hex color E2E83D.

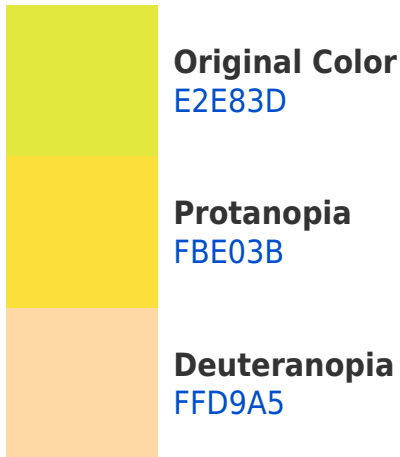


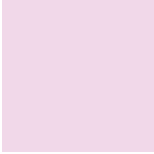
This preview shows how white text looks on a background with the Hex color E2E83D.

# 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](#).

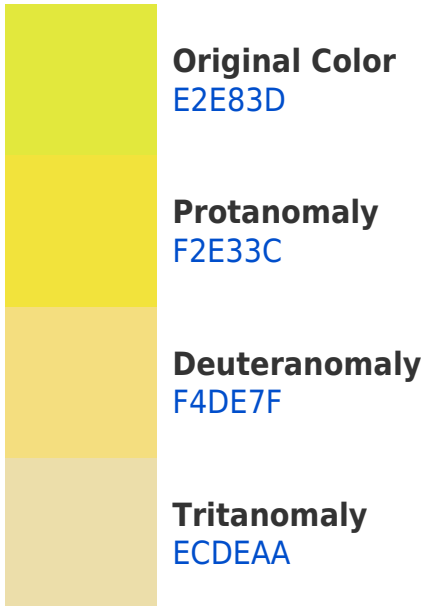
## Dichromacy



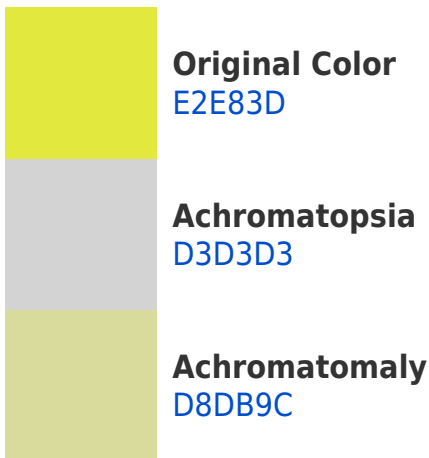


**Tritanopia**  
F1D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2E83D 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 #E2E83D looks like.

```
.text, #text, p{  
    color:#E2E83D  
}
```

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 #E2E83D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E83D
}
```

## Border

The CSS property to change the border of an element to Hex E2E83D 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
#E2E83D }
```

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

```
.border{ border-color:#E2E83D }
```

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

Here you see how a box with a 4 pixel #E2E83D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E83D; -webkit-box-shadow:4px 4px  
4px 4px #E2E83D; box-shadow:4px 4px 4px  
4px #E2E83D }
```

# Background

The CSS property to change the background color of an element to Hex E2E83D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E83D }
```

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

```
.background{ background-color:#E2E83D }
```

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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