

Converting Colors

Hex(E2EB3B)

Have a look what the booklet for
Hex(E2EB3B) contains.

Hex(E2EB3B)	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(E2EB3B)

Conversions

Conversions Part 1

Format	Color
Hex	E2EB3B
RGB	226, 235, 59
RGB Percent	89%, 92%, 23%
CMY	0.1137, 0.0784, 0.7686
CMYK	0.04, 0.00, 0.75, 0.08
HSL	63°, 81%, 58%
HSV	63°, 75%, 92%
XYZ	61.8618, 75.9012, 15.5276
YIQ	212.2450, 51.1320, -56.6440

Conversions

Conversions Part 2

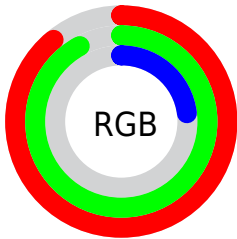
Format	Color
RYB	59, 235, 68
Decimal	14871355
CIELab	89.81, -22.78, 77.95
CIELCh	90, 81.208, 106.293
Yxy	75.9012, 0.4036, 0.4951
Android (android.graphics.Color)	4293061435 (0xFFE2EB3B)
YUV	212.2450, -75.5498, 12.0631
Hunter-Lab	87.1213, -25.7156, 50.4177

Details

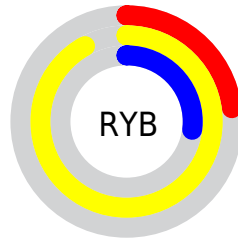
The Hex color **E2EB3B** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **443BEB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF77**, and **A7B300** is the 20% darker color. If you saturate the color by 10%, you get **E1EB23**, and if you desaturate by 10%, it is **E3EB52**.

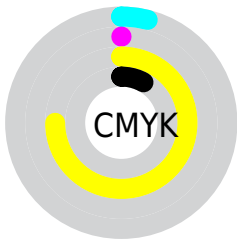
Distribution



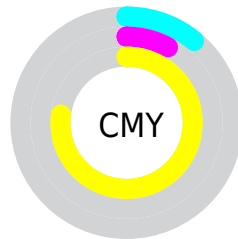
- Red (89%)
- Green (92%)
- Blue (23%)



- Red (23%)
- Yellow (92%)
- Blue (27%)



- Cyan (4%)
- Magenta (0%)
- Yellow (75%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2EB3B 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 E2EB3B by changing the saturation by 10% instead.

 E2EB3B

 E2EB3B

FFFFFF

 C4CF11

 FFFF77

 A7B300

 FFFF94

 8A9900

 FFFFB1

 6D7F00

 FFFFCE

 526600

 FFFFEC

 364E00

 1B3700

 002200

 000000

 E2EB3B

 E2EB3B

 E1EB23

 E3EB52

 E0EB0C

 E4EB6A

 DFEB00

 E6EB82

 E7EB99

 E8EBB1

 E9EBC8

 EAEBDF

 ECEBF7

 EDEBFF

Harmonies

Analogous

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



FFD13F



E2EB3B



87FC70

Triad

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



E2EB3B



00FFFF



FF9EFF

Complementary

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



E2EB3B



443BEB

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.



FFBBFF



E2EB3B



00F5FF

Square

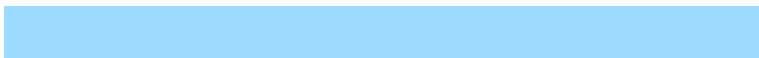
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2EB3B



00FFFF



9EDCFF



FF9ABB

Rectangle

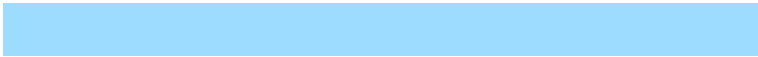
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2EB3B



00FFA0



9EDCFF



FFA6FF

Sweetspot

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



E2EB3B



FCFFC7



EB443B



7E805E



000000



808080

Same Dimension

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



E2EB3B



F3FF19



8AEB3B



75756A



ACB500



333600

Inverse Universe

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



443BEB



2519FF



9C3BEB



6A6A75



0900B5



030036

Previews

White Background



This preview shows how the Hex color E2EB3B 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 E2EB3B 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 E2EB3B Background



This preview shows how black text looks on a background with the Hex color E2EB3B.

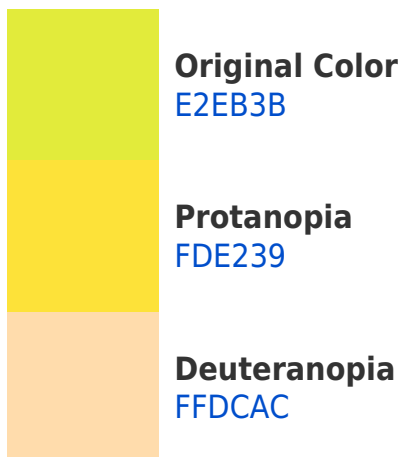


This preview shows how white text looks on a background with the Hex color E2EB3B.

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](#).

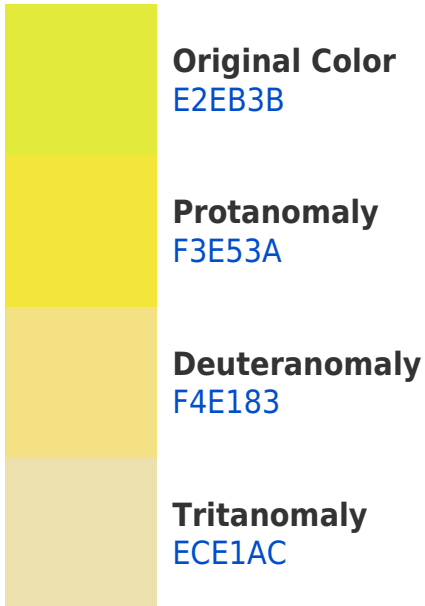
Dichromacy



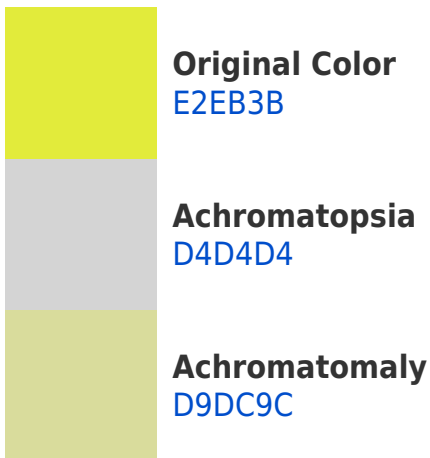


Tritanopia
F2DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2EB3B 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 #E2EB3B looks like.

```
.text, #text, p{  
    color:#E2EB3B  
}
```

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 #E2EB3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2EB3B
}
```

Border

The CSS property to change the border of an element to Hex E2EB3B 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
#E2EB3B }
```

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

```
.border{ border-color:#E2EB3B }
```

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

Here you see how a box with a 4 pixel #E2EB3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2EB3B; -webkit-box-shadow:4px 4px  
4px 4px #E2EB3B; box-shadow:4px 4px 4px  
4px #E2EB3B }
```

Background

The CSS property to change the background color of an element to Hex E2EB3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2EB3B }
```

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

```
.background{ background-color:#E2EB3B }
```

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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