

Converting Colors

Hex(EBE831)

Have a look what the booklet for
Hex(EBE831) contains.

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Color

Hex(EBE831)

Conversions

Conversions Part 1

Format	Color
Hex	EBE831
RGB	235, 232, 49
RGB Percent	92%, 91%, 19%
CMY	0.0784, 0.0902, 0.8078
CMYK	0.00, 0.01, 0.79, 0.08
HSL	59°, 82%, 56%
HSV	59°, 79%, 92%
XYZ	63.6719, 75.5971, 14.1416
YIQ	212.0350, 60.5310, -56.2770

Conversions

Conversions Part 2

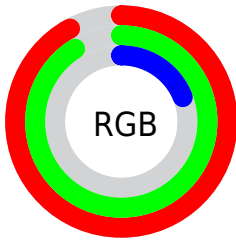
Format	Color
R _Y B	52, 235, 49
Decimal	15460401
CIE Lab	89.67, -17.99, 80.91
CIE LCh	90, 82.884, 102.534
Yxy	75.5971, 0.4150, 0.4928
Android (android.graphics.Color)	4293650481 (0xFFE8E831)
YUV	212.0350, -80.3763, 20.1403
Hunter-Lab	86.9466, -21.4391, 51.2193

Details

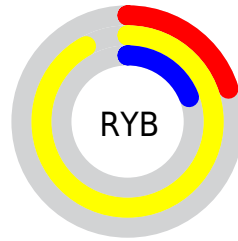
The Hex color **EBE831** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3134EB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF70**, and **AFB100** is the 20% darker color. If you saturate the color by 10%, you get **EBE819**, and if you desaturate by 10%, it is **EBE849**.

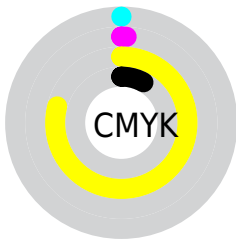
Distribution



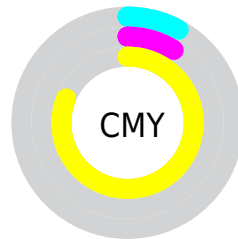
- Red (92%)
- Green (91%)
- Blue (19%)



- Red (20%)
- Yellow (92%)
- Blue (19%)



- Cyan (0%)
- Magenta (1%)
- Yellow (79%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBE831 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 EBE831 by changing the saturation by 10% instead.

 EBE831

 EBE831

FFFFFF

 CDCC00

 FFFF70

 AFB100

 FFFF8D

 929600

 FFFFAA

 757C00

 FFFFC7

 596400

 FFFF E5

 3D4C00

 233500

 072000

 000000

 EBE831

 EBE831

 EBE819

 EBE849

 EBE702

 EBE960

 EBE700

 EBE978

 EBEA8F

 EBEEA6

 EBEEABE

 EBEBD6

 EBEBED

 EBEBFF

Harmonies

Analogous

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



FFCD40



EBE831



92FA64

Triad

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



EBE831



00FFFF



FF9EFF

Complementary

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



EBE831



3134EB

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.



FFBEFF



EBE831



00F7FF

Square

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



EBE831



00FFFF



80DFFF



FF96C3

Rectangle

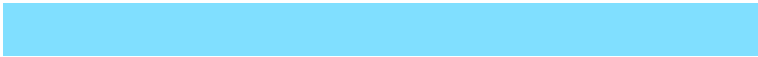
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBE831



17FF95



80DFFF



FFA7FF

Sweetspot

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



EBE831



FFFE2



EB3134



807F5B



000000



808080

Same Dimension

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



EBE831



FFB0D



91EB31



75756A



B5B200



363500

Inverse Universe

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



3134EB



0D11FF



8B31EB



6A6A75



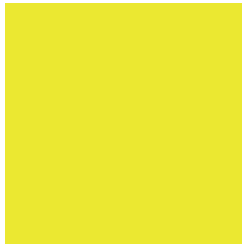
0003B5



000136

Previews

White Background



This preview shows how the Hex color EBE831 looks on a white background.

Color Contrast Check

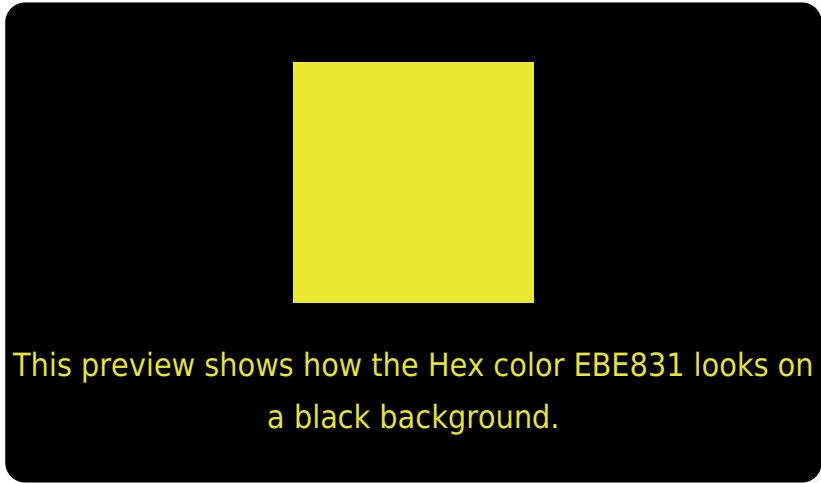
Large Text (above 18pt) WCAG AA × Fail

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 EBE831 Background



This preview shows how black text looks on a background with the Hex color EBE831.

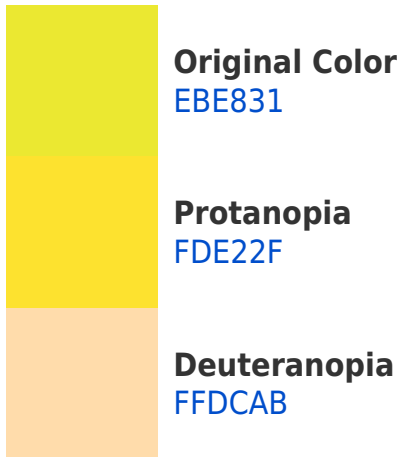


This preview shows how white text looks on a background with the Hex color EBE831.

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](#).

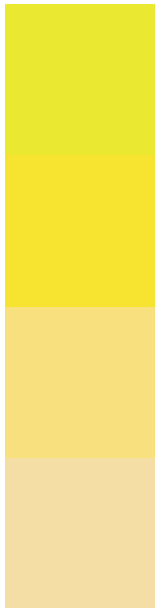
Dichromacy





Tritanopia
FAD8E9

Trichromacy



Original Color
EBE831

Protanomaly
F6E430

Deuteranomaly
F8E07F

Tritanomaly
F5DEA6

Monochromacy



Original Color
EBE831

Achromatopsia
D4D4D4

Achromatomaly
DCDB99

CSS Examples

Text

The CSS property to change the color of the text to Hex EBE831 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 #EBE831 looks like.

```
.text, #text, p{  
    color:#EBE831  
}
```

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 #EBE831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBE831
}
```

Border

The CSS property to change the border of an element to Hex EBE831 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
#EBE831 }
```

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

```
.border{ border-color:#EBE831 }
```

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

Here you see how a box with a 4 pixel #EBE831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBE831; -webkit-box-shadow:4px 4px  
4px 4px #EBE831; box-shadow:4px 4px 4px  
4px #EBE831 }
```

Background

The CSS property to change the background color of an element to Hex EBE831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBE831 }
```

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

```
.background{ background-color:#EBE831 }
```

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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