

Converting Colors

Hex(EAE033)

Have a look what the booklet for
Hex(EAE033) contains.

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Color

Hex(EAE033)

Conversions

Conversions Part 1

Format	Color
Hex	EAE033
RGB	234, 224, 51
RGB Percent	92%, 88%, 20%
CMY	0.0824, 0.1216, 0.8000
CMYK	0.00, 0.04, 0.78, 0.08
HSL	57°, 81%, 56%
HSV	57°, 78%, 92%
XYZ	61.1849, 71.0428, 13.6198
YIQ	207.2680, 61.4930, -51.6830

Conversions

Conversions Part 2

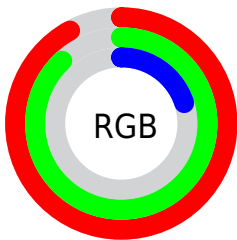
Format	Color
RYB	62, 234, 51
Decimal	15392819
CIELab	87.51, -14.42, 78.44
CIELCh	88, 79.750, 100.419
Yxy	71.0428, 0.4195, 0.4871
Android (android.graphics.Color)	4293582899 (0xFFEAE033)
YUV	207.2680, -77.0401, 23.4440
Hunter-Lab	84.2869, -17.9266, 49.4202

Details

The Hex color **EAE033** 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 **333DEA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF70**, and **AEA900** is the 20% darker color. If you saturate the color by 10%, you get **EADF1C**, and if you desaturate by 10%, it is **EAE14A**.

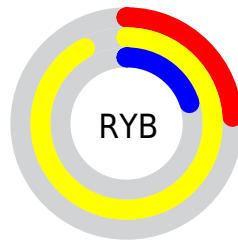
Distribution



Red (92%)

Green (88%)

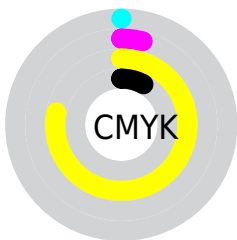
Blue (20%)



Red (24%)

Yellow (92%)

Blue (20%)

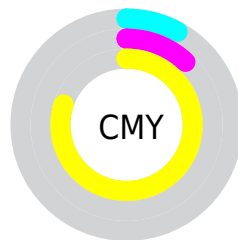


Cyan (0%)

Magenta (4%)

Yellow (78%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAE033 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 EAE033 by changing the saturation by 10% instead.

 EAE033

 EAE033

FFFFFF

 CCC400

 FFFF70

 AEA900

 FFFF8D

 918F00

 FFFFAA

 747500

 FFFF7C

 585D00

 FFFF7E

 3D4600

 233000

 051C00

 000000

 EAE033

 EAE033

 EADF1C

 EAE14A

 EADD04

 EAE362

 EADD00

 EAE479

 EAE591

 EAE6A8

 EAE8BF

 EAE9D7

 EAEAEE

 EAECFF

Harmonies

Analogous

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



FFC544



EAE033



97F260

Triad

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



EAE033



00DFFF



FF9DFF

Complementary

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



EAE033



333DEA

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.



FFBCFF



EAE033



00F1FF

Square

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



EAE033



00FFF4



71DBFF



FF94C4

Rectangle

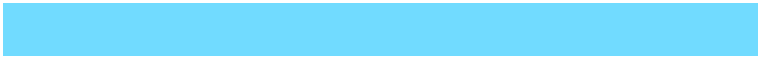
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAE033



3BFA8D



71DBFF



FFA6FF

Sweetspot

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



EAE033



FFFCC4



EA333F



807E5C



000000



808080

Same Dimension

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



EAE033



FFF20F



9BEA33



75756A



B5AB00



363300

Inverse Universe

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



333DEA



0F1CFF



8233EA



6A6A75



000AB5



000336

Previews

White Background



This preview shows how the Hex color EAE033 looks on a white background.

Color Contrast Check

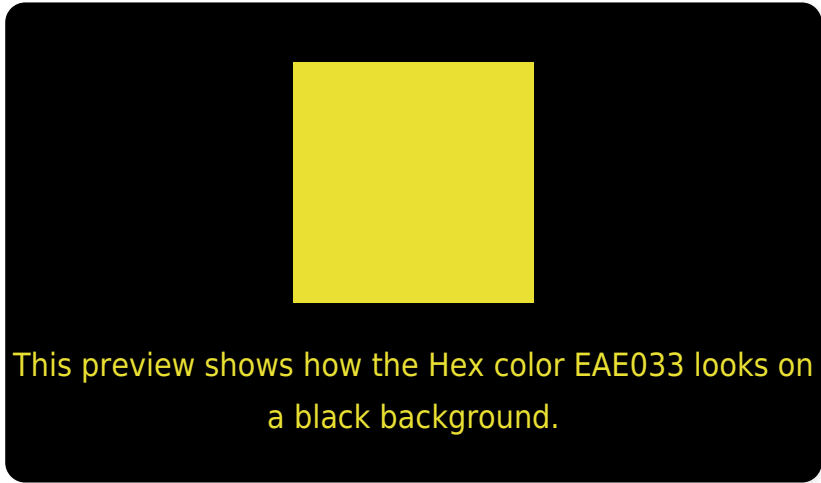
Large Text (above 18pt) WCAG AA × Fail

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 EAE033 Background



This preview shows how black text looks on a background with the Hex color EAE033.

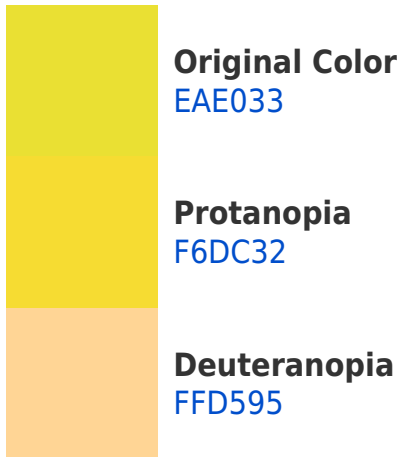


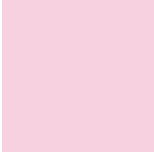
This preview shows how white text looks on a background with the Hex color EAE033.

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](#).

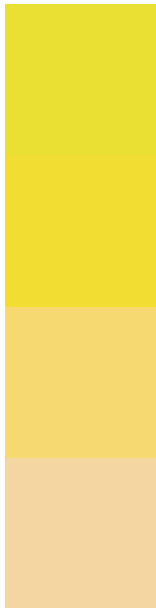
Dichromacy





Tritanopia
F8D1E1

Trichromacy



Original Color
EAE033

Protanomaly
F2DD32

Deuteranomaly
F7D971

Tritanomaly
F3D6A2

Monochromacy



Original Color
EAE033

Achromatopsia
CFCFCF

Achromatomaly
D9D596

CSS Examples

Text

The CSS property to change the color of the text to Hex EAE033 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 #EAE033 looks like.

```
.text, #text, p{  
    color:#EAE033  
}
```

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 #EAE033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAE033
}
```

Border

The CSS property to change the border of an element to Hex EAE033 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
#EAE033 }
```

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

```
.border{ border-color:#EAE033 }
```

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

Here you see how a box with a 4 pixel #EAE033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAE033; -webkit-box-shadow:4px 4px  
4px 4px #EAE033; box-shadow:4px 4px 4px  
4px #EAE033 }
```

Background

The CSS property to change the background color of an element to Hex EAE033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAE033 }
```

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

```
.background{ background-color:#EAE033 }
```

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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