

Converting Colors

Hex(E9E370)

Have a look what the booklet for
Hex(E9E370) contains.

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Color

Hex(E9E370)

Conversions

Conversions Part 1

Format	Color
Hex	E9E370
RGB	233, 227, 112
RGB Percent	91%, 89%, 44%
CMY	0.0863, 0.1098, 0.5608
CMYK	0.00, 0.03, 0.52, 0.09
HSL	57°, 73%, 68%
HSV	57°, 52%, 91%
XYZ	63.9980, 73.4317, 26.1299
YIQ	215.6840, 40.4910, -34.4930

Conversions

Conversions Part 2

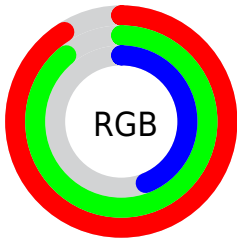
Format	Color
RYB	118, 233, 112
Decimal	15328112
CIELab	88.65, -12.85, 56.15
CIELCh	89, 57.602, 102.891
Yxy	73.4317, 0.3913, 0.4490
Android (android.graphics.Color)	4293518192 (0xFFE9E370)
YUV	215.6840, -51.1162, 15.1861
Hunter-Lab	85.6923, -16.6514, 41.9055

Details

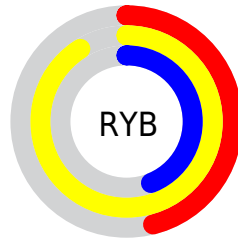
The Hex color **E9E370** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7076E9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFA6**, and **AFAC3B** is the 20% darker color. If you saturate the color by 10%, you get **E9E259**, and if you desaturate by 10%, it is **E9E487**.

Distribution



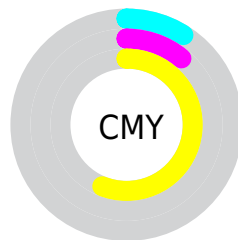
- Red (91%)
- Green (89%)
- Blue (44%)



- Red (46%)
- Yellow (91%)
- Blue (44%)



- Cyan (0%)
- Magenta (3%)
- Yellow (52%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9E370 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 E9E370 by changing the saturation by 10% instead.

 E9E370

 E9E370

FFFFFF

 CCC755

 FFFFA6

 AFAC3B

 FFFFC3

 93911E

 FFFFDF

 777800

 FFFFFC

 5C5F00

 424800

 293100

 0F1D00

 000000

 E9E370

 E9E370

 E9E259

 E9E487

 E9E141

 E9E59F

 E9E02A

 E9E6B6

 E9DE13

 E9E8CD

 E9DD00

 E9E9E5

 E9EAFC

 E9EBFF

 E9ECFF

 E9EDFF

Harmonies

Analogous

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



FFD075



E9E370



ACF18B

Triad

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



E9E370



00F7FF



FFB6FF

Complementary

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



E9E370



7076E9

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.



FFC7FF



E9E370



04EDFF

Square

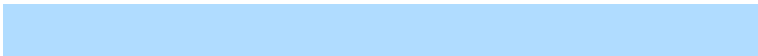
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9E370



00BF5



B0DCFF



FFB2C9

Rectangle

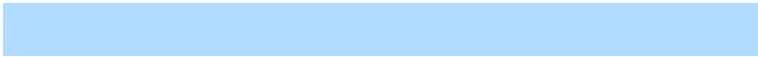
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9E370



7BF7AB



B0DCFF



FFBAFF

Sweetspot

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



E9E370



FFFDD6



E97076



807E67



000000



808080

Same Dimension

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



E9E370



FFF761



B3E970



75756A



B5AC00



363300

Inverse Universe

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



7076E9



6169FF



A670E9



6A6A75



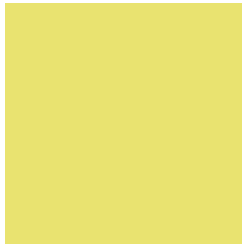
0009B5



000336

Previews

White Background



This preview shows how the Hex color E9E370 looks on a white background.

Color Contrast Check

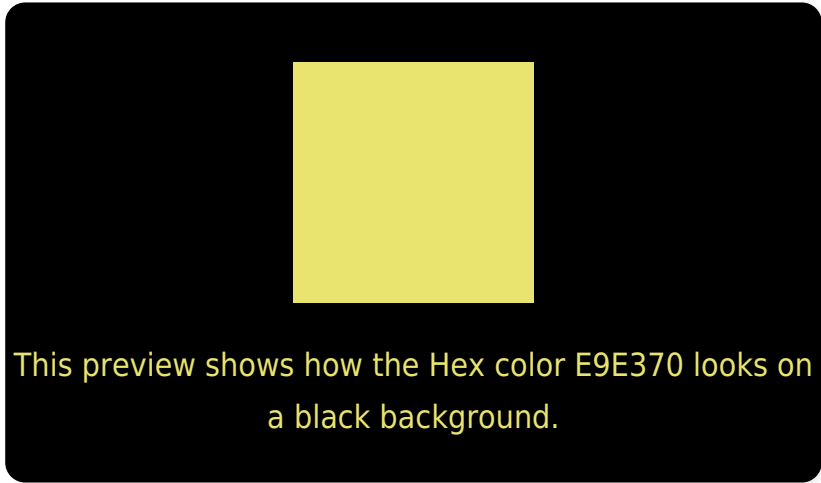
Large Text (above 18pt) WCAG AA × Fail

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 E9E370 Background



This preview shows how black text looks on a background with the Hex color E9E370.

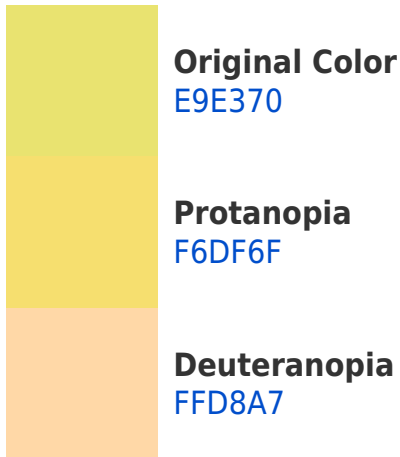


This preview shows how white text looks on a background with the Hex color E9E370.

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](#).

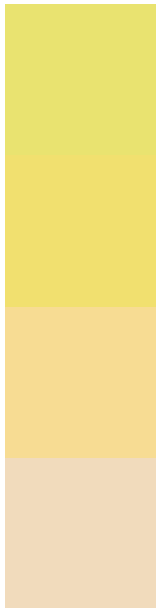
Dichromacy





Tritanopia
F5D6E7

Trichromacy



Original Color
E9E370

Protanomaly
F1E06F

Deuteranomaly
F7DC93

Tritanomaly
F1DBBC

Monochromacy



Original Color
E9E370

Achromatopsia
D8D8D8

Achromatomaly
DEDCB2

CSS Examples

Text

The CSS property to change the color of the text to Hex E9E370 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 #E9E370 looks like.

```
.text, #text, p{  
    color:#E9E370  
}
```

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 #E9E370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9E370
}
```

Border

The CSS property to change the border of an element to Hex E9E370 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
#E9E370 }
```

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

```
.border{ border-color:#E9E370 }
```

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

Here you see how a box with a 4 pixel #E9E370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9E370; -webkit-box-shadow:4px 4px  
4px 4px #E9E370; box-shadow:4px 4px 4px  
4px #E9E370 }
```

Background

The CSS property to change the background color of an element to Hex E9E370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9E370 }
```

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

```
.background{ background-color:#E9E370 }
```

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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