

# Converting Colors

Hex(E1E049)

Have a look what the booklet for  
Hex(E1E049) contains.

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**Color**

**Hex(E1E049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E049
RGB	225, 224, 73
RGB Percent	88%, 88%, 29%
CMY	0.1176, 0.1216, 0.7137
CMYK	0.00, 0.00, 0.68, 0.12
HSL	60°, 72%, 58%
HSV	60°, 68%, 88%
XYZ	58.9096, 69.7999, 16.6712
YIQ	207.0850, 49.0670, -46.7490

# Conversions

## Conversions Part 2

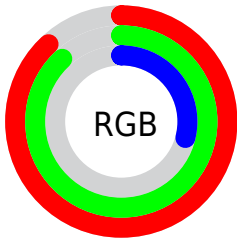
Format	Color
<a href="#">RYB</a>	<a href="#">74, 225, 73</a>
Decimal	<a href="#">14803017</a>
CIELab	<a href="#">86.90, -17.22, 70.42</a>
CIElCh	<a href="#">87, 72.492, 103.745</a>
Yxy	<a href="#">69.7999, 0.4052, 0.4801</a>
Android (android.graphics.Color)	<a href="#">4292993097 (0xFFE1E049)</a>
YUV	<a href="#">207.0850, -66.1039, 15.7115</a>
Hunter-Lab	<a href="#">83.5463, -20.3435, 46.6515</a>

# Details

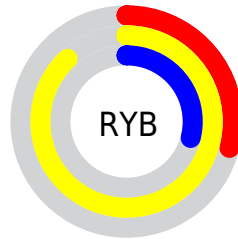
The Hex color **E1E049** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **494AE1**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF82**, and **A6A900** is the 20% darker color. If you saturate the color by 10%, you get **E1E033**, and if you desaturate by 10%, it is **E1E05F**.

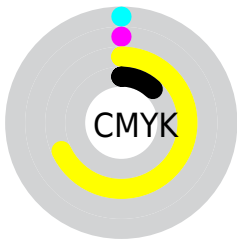
# Distribution



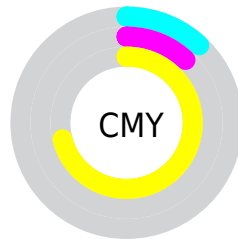
- Red (88%)
- Green (88%)
- Blue (29%)



- Red (29%)
- Yellow (88%)
- Blue (29%)



- Cyan (0%)
- Magenta (0%)
- Yellow (68%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1E049 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 E1E049 by changing the saturation by 10% instead.



 E1E049

 E1E049

FFFFFF

 C3C42A

 FFFF82

 A6A900

 FFFF9E

 8A8F00

 FFFFBA

 6E7500

 FFFFD7

 525D00

 FFFFF5

 374500

 1D2F00

 001C00

 000000

 E1E049

 E1E049

 E1E033

 E1E05F

 E1E01C

 E1E076

 E1E005

 E1E08C


 E1E000

 E1E1A3

 E1E1BA

 E1E1D0

 E1E1E7

 E1E1FD

 E1E1FF

# Harmonies

## Analogous

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



FFC950



E1E049



94F071

# Triad

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



E1E049



00F8FF



FFA1FF

# Complementary

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



E1E049



494AE1

# 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



E1E049



00ECFF

# Square

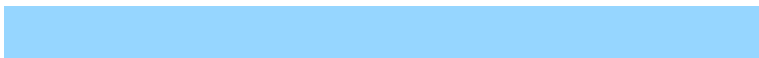
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1E049



00BF8



96D6FF



FF9CBD

# Rectangle

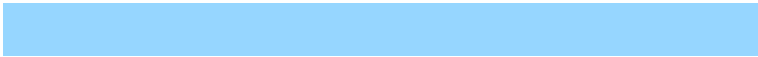
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1E049



42F79A



96D6FF



FFA8FF



# Sweetspot

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



E1E049



FFFFCC



E1494C



807F61



000000



808080



# Same Dimension

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



E1E049



FFFE30



98E149



707065



B0AF00



303000



# Inverse Universe

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



494AE1



3032FF



9249E1



656570



0001B0

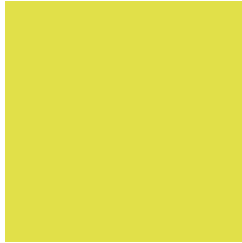


000030



# Previews

## White Background



This preview shows how the Hex color E1E049 looks on a white background.

## Color Contrast Check

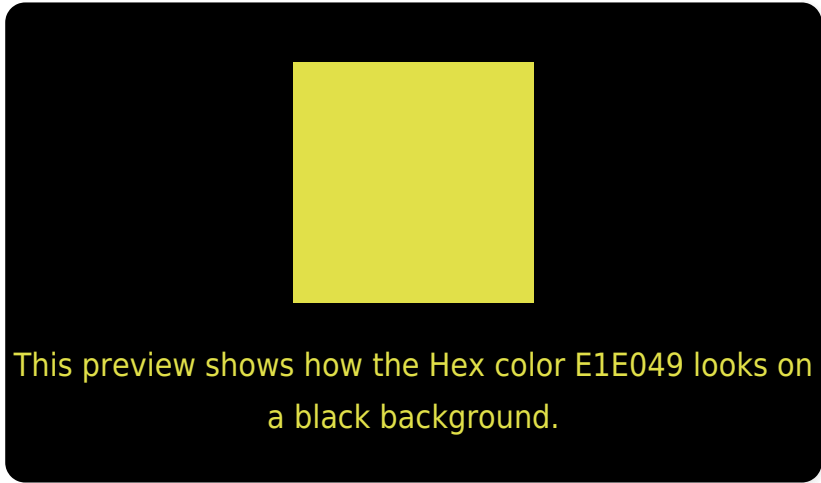
Large Text (above 18pt) WCAG AA × Fail

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 E1E049 Background



This preview shows how black text looks on a background with the Hex color E1E049.

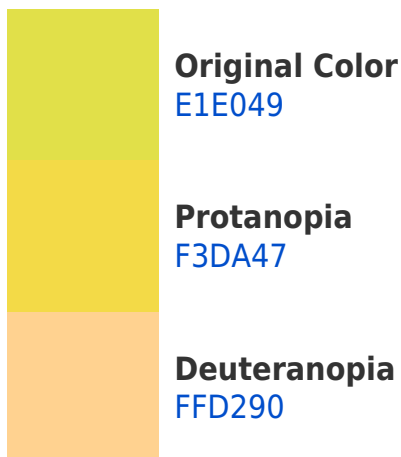


This preview shows how white text looks on a background with the Hex color E1E049.

# 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**  
EFD1E2

# Trichromacy



**Original Color**  
E1E049

**Protanomaly**  
ECDC48

**Deuteranomaly**  
F4D776

**Tritanomaly**  
EAD6AA

# Monochromacy



**Original Color**  
E1E049

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D6D59E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1E049 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 #E1E049 looks like.

```
.text, #text, p{  
    color:#E1E049  
}
```

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 #E1E049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E049
}
```

## Border

The CSS property to change the border of an element to Hex E1E049 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
#E1E049 }
```

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

```
.border{ border-color:#E1E049 }
```

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

Here you see how a box with a 4 pixel #E1E049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E049; -webkit-box-shadow:4px 4px  
4px 4px #E1E049; box-shadow:4px 4px 4px  
4px #E1E049 }
```

# Background

The CSS property to change the background color of an element to Hex E1E049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E049 }
```

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

```
.background{ background-color:#E1E049 }
```

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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