

# Converting Colors

Hex(EEE319)

Have a look what the booklet for  
Hex(EEE319) contains.

<b>Hex(EEE319)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(EEE319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEE319
RGB	238, 227, 25
RGB Percent	93%, 89%, 10%
CMY	0.0667, 0.1098, 0.9020
CMYK	0.00, 0.05, 0.89, 0.07
HSL	57°, 86%, 52%
HSV	57°, 89%, 93%
XYZ	62.9044, 73.1855, 11.7305
YIQ	207.2610, 71.3980, -60.4900

# Conversions

## Conversions Part 2

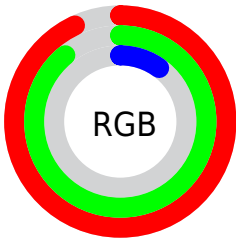
Format	Color
R <sub>Y</sub> B	37, 238, 25
Decimal	15655705
CIE Lab	88.54, -14.86, 85.07
CIE LCh	89, 86.356, 99.906
Yxy	73.1855, 0.4255, 0.4951
Android (android.graphics.Color)	4293845785 (0xFFEEE319)
YUV	207.2610, -89.8547, 26.9581
Hunter-Lab	85.5485, -18.4576, 51.7541

# Details

The Hex color **EEE319** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **1924EE**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF62**, and **B1AC00** is the 20% darker color. If you saturate the color by 10%, you get **EEE201**, and if you desaturate by 10%, it is **EEE431**.

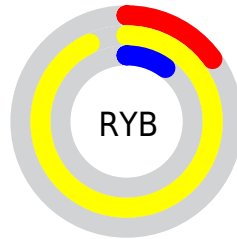
# Distribution



Red (93%)

Green (89%)

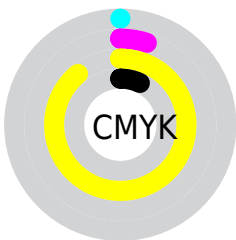
Blue (10%)



Red (15%)

Yellow (93%)

Blue (10%)

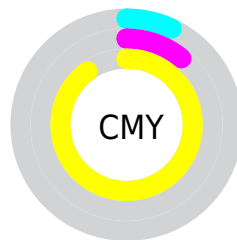


Cyan (0%)

Magenta (5%)

Yellow (89%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEE319 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 EEE319 by changing the saturation by 10% instead.



 EEE319

 EEE319

FFFFFF

 CFC700

 FFFF62

 B1AC00

 FFFF80

 949200

 FFFF9D

 777800

 FFFFBA

 5A6000

 FFFFD8

 3F4800

 FFFFF6

 253200

 091D00

 000000

■ EEE319

■ EEE319

■ EEE201

■ EEE431

■ EEE200

■ EEE549

■ EEE760

■ EEE878

■ EEE990

■ EEEAA8

■ EEECC0

■ EEEDD7

■ EEEEEF

# Harmonies

## Analogous

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



FFC637



EEE319



94F755

# Triad

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



EEE319



00FFFF



FF99FF

# Complementary

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



EEE319



1924EE

# 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



EEE319



00F6FF

# Square

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



EEE319



00FFF8



56DFFF



FF8DC6

# Rectangle

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



EEE319



18FF87



56DFFF



FFA3FF



# Sweetspot

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



EEE319



FFFBBA



EE1927



807D57



000000



808080



# Same Dimension

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



EEE319



FFF200



92EE19



78776C



B8AE00



383500



# Inverse Universe

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



1924EE



000DFF



7519EE



6C6C78



0009B8

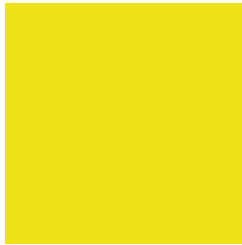


000338



# Previews

## White Background



This preview shows how the Hex color #EEE319 looks on a white background.

## Color Contrast Check

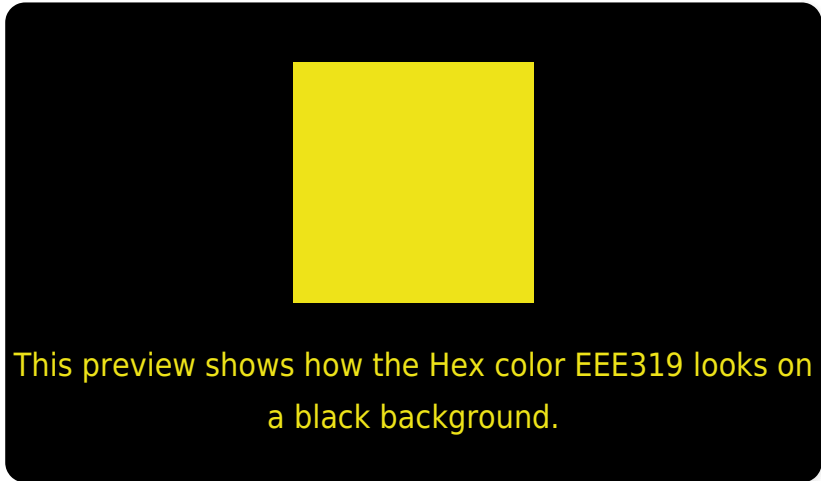
Large Text (above 18pt) WCAG AA × Fail

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 EEE319 Background



This preview shows how black text looks on a background with the Hex color EEE319.



This preview shows how white text looks on a background with the Hex color EEE319.

# 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



**Original Color**  
EEE319

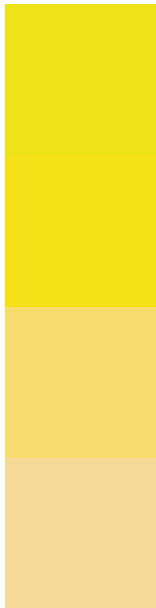
**Protanopia**  
FADF17

**Deuteranopia**  
FFD89F



**Tritanopia**  
FCD3E4

# Trichromacy



**Original Color**  
EEE319

**Protanomaly**  
F6E018

**Deuteranomaly**  
F9DC6E

**Tritanomaly**  
F7D99A

# Monochromacy



**Original Color**  
EEE319

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
DAD68D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEE319 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 #EEE319 looks like.

```
.text, #text, p{  
    color:#EEE319  
}
```

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 #EEE319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEE319
}
```

## Border

The CSS property to change the border of an element to Hex EEE319 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
#EEE319 }
```

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

```
.border{ border-color:#EEE319 }
```

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

Here you see how a box with a 4 pixel #EEE319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEE319; -webkit-box-shadow:4px 4px  
4px 4px #EEE319; box-shadow:4px 4px 4px  
4px #EEE319 }
```

# Background

The CSS property to change the background color of an element to Hex EEE319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEE319 }
```

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

```
.background{ background-color:#EEE319 }
```

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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