

# Converting Colors

Hex(EED318)

Have a look what the booklet for  
Hex(EED318) contains.

<b>Hex(EED318)</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(EED318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED318
RGB	238, 211, 24
RGB Percent	93%, 83%, 9%
CMY	0.0667, 0.1725, 0.9059
CMYK	0.00, 0.11, 0.90, 0.07
HSL	52°, 86%, 51%
HSV	52°, 90%, 93%
XYZ	58.7190, 64.8316, 10.2831
YIQ	197.7550, 76.1190, -52.4330

# Conversions

## Conversions Part 2

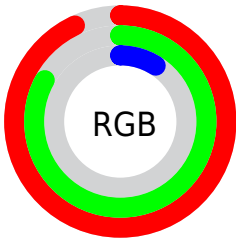
Format	Color
R <sub>Y</sub> B	55, 238, 24
Decimal	15651608
CIE Lab	84.40, -6.90, 82.02
CIE LCh	84, 82.309, 94.810
Yxy	64.8316, 0.4387, 0.4844
Android (android.graphics.Color)	4293841688 (0xFFEED318)
YUV	197.7550, -85.6612, 35.2949
Hunter-Lab	80.5181, -10.7328, 48.7906

# Details

The Hex color **EED318** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1833EE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF5F**, and **B19D00** is the 20% darker color. If you saturate the color by 10%, you get **EED000**, and if you desaturate by 10%, it is **EED630**.

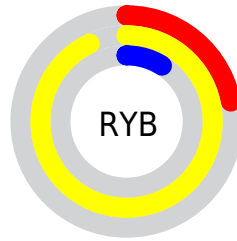
# Distribution



Red (93%)

Green (83%)

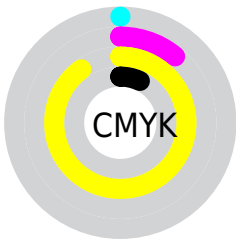
Blue (9%)



Red (22%)

Yellow (93%)

Blue (9%)

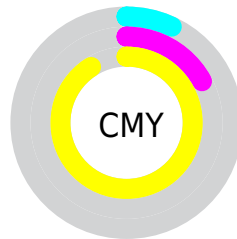


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EED318 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 EED318 by changing the saturation by 10% instead.



 EED318

 EED318

FFFFFF

 CFB800

 FFFF5F

 B19D00

 FFFF7C

 948300

 FFFF99

 776A00

 FFFFB6

 5A5200

 FFFFD4

 3F3C00

 FFFFF1

 262600

 071300

 000000

 EED318

 EED318

 EED000

 EED630

 EED948

 EEDC5F

 EEDF77

 EEE28F

 EEE5A7

 EEE8BF

 EEEBD6

 EEEEE

# Harmonies

## Analogous

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



FFB63F



EED318



9DE746

# Triad

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



EED318



00F6FF



FF96FF

# Complementary

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



EED318



1833EE

# 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.



E4B8FF



EED318



00ECFF

# Square

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



EED318



00F7DD



00D8FF



FF86C9

# Rectangle

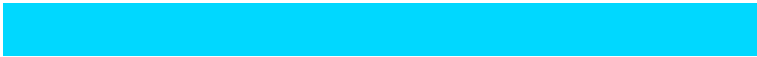
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EED318



4CF074



00D8FF



FFA1FF



# Sweetspot

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



EED318



FFF6BA



EE1835



807A57



000000



808080



# Same Dimension

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



EED318



FFDF00



A0EE18



78766C



B8A000



383100



# Inverse Universe

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



1833EE



0020FF



6618EE



6C6D78



0017B8



000738



# Previews

## White Background



This preview shows how the Hex color EED318 looks on a white background.

## Color Contrast Check

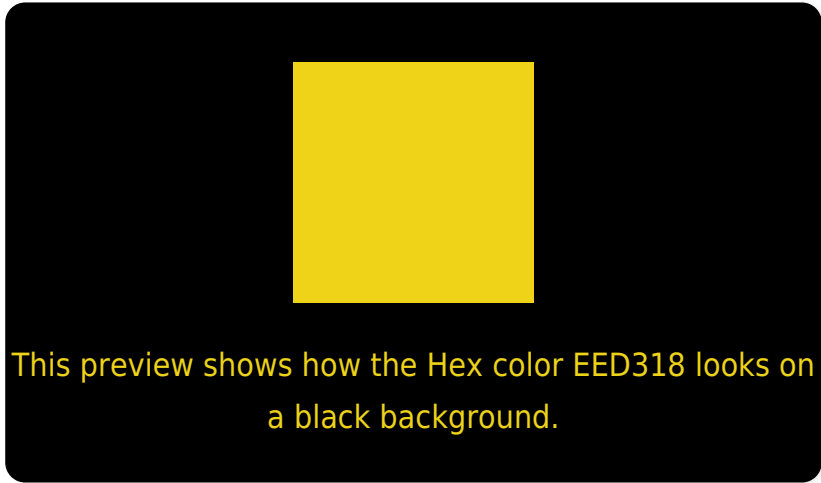
Large Text (above 18pt) WCAG AA × Fail

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 EED318 Background



This preview shows how black text looks on a background with the Hex color EED318.



This preview shows how white text looks on a background with the Hex color EED318.

# 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**  
EED318

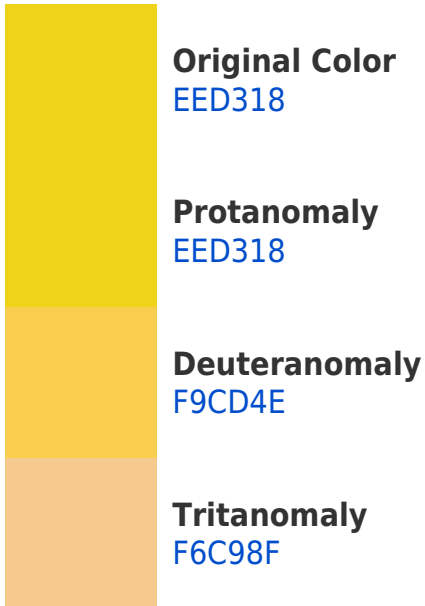
**Protanopia**  
EED318

**Deuteranopia**  
FFCA6D

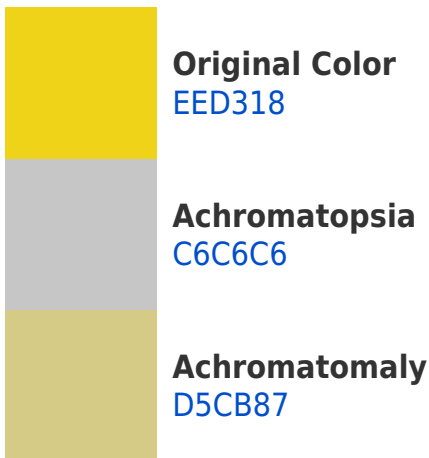


**Tritanopia**  
FAC4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EED318 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 #EED318 looks like.

```
.text, #text, p{  
    color:#EED318  
}
```

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 #EED318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED318
}
```

## Border

The CSS property to change the border of an element to Hex EED318 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
#EED318 }
```

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

```
.border{ border-color:#EED318 }
```

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

Here you see how a box with a 4 pixel #EED318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED318; -webkit-box-shadow:4px 4px  
4px 4px #EED318; box-shadow:4px 4px 4px  
4px #EED318 }
```

# Background

The CSS property to change the background color of an element to Hex EED318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED318 }
```

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

```
.background{ background-color:#EED318 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor