

# Converting Colors

Hex(ECD346)

Have a look what the booklet for  
Hex(ECD346) contains.

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# **Color**

**Hex(ECD346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD346
RGB	236, 211, 70
RGB Percent	93%, 83%, 27%
CMY	0.0745, 0.1725, 0.7255
CMYK	0.00, 0.11, 0.70, 0.07
HSL	51°, 81%, 60%
HSV	51°, 70%, 93%
XYZ	58.9918, 64.8636, 15.2051
YIQ	202.4010, 60.1610, -38.5510

# Conversions

## Conversions Part 2

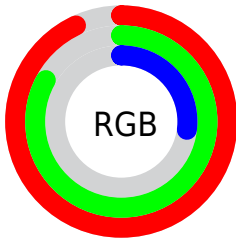
Format	Color
R <sub>Y</sub> B	99, 236, 70
Decimal	15520582
CIE Lab	84.41, -6.31, 69.36
CIE LCh	84, 69.651, 95.201
Yxy	64.8636, 0.4242, 0.4664
Android (android.graphics.Color)	4293710662 (0xFFECD346)
YUV	202.4010, -65.2737, 29.4663
Hunter-Lab	80.5379, -10.1950, 45.1830

# Details

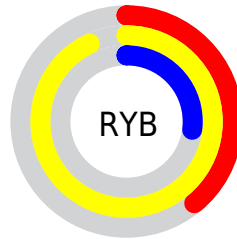
The Hex color **ECD346** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **465FEC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF7E**, and **B09D00** is the 20% darker color. If you saturate the color by 10%, you get **ECCF2E**, and if you desaturate by 10%, it is **ECD75E**.

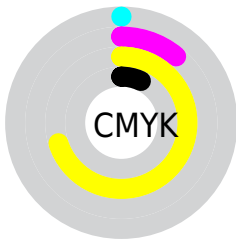
# Distribution



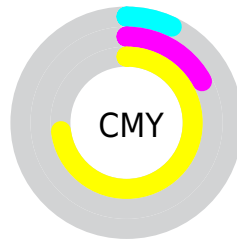
- Red (93%)
- Green (83%)
- Blue (27%)



- Red (39%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECD346 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 ECD346 by changing the saturation by 10% instead.




 ECD346

 ECD346

FFFFFF

 CEB827

 FFFF7E

 B09D00

 FFFF9A

 938300

 FFFFB6

 776A00

 FFFFDD3

 5B5200

 FFFFF1

 403C00

 272600

 081200

 000000

 ECD346

 ECD346

 ECCF2E

 ECD75E

 ECCC17

 ECDA75

 ECC800

 ECDE8D

 ECE1A4

 ECE5BC

 ECE8D4

 ECECEB

 ECEFFF

 ECF3FF

# Harmonies

## Analogous

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



FFBB59



ECD346



A7E461

# Triad

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



ECD346



00F1FF



FFA3FF

# Complementary

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



ECD346



465FEC

# 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.



E5BDFE



ECD346



00E8FF

# Square

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



ECD346



00F3DC



62D6FF



FF97CA

# Rectangle

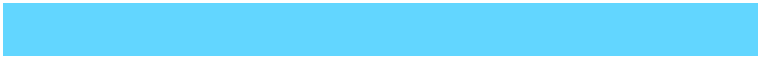
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECD346



6BEC84



62D6FF



FFAAFF



# Sweetspot

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



ECD346



FFF7C9



EC4662



807B60



000000



808080



# Same Dimension

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



ECD346



FFDF29



B5EC46



75746A



B59A00



362D00



# Inverse Universe

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



465FEC



2949FF



7D46EC



6A6B75



001BB5



000836



# Previews

## White Background



This preview shows how the Hex color ECD346 looks on a white background.

## Color Contrast Check

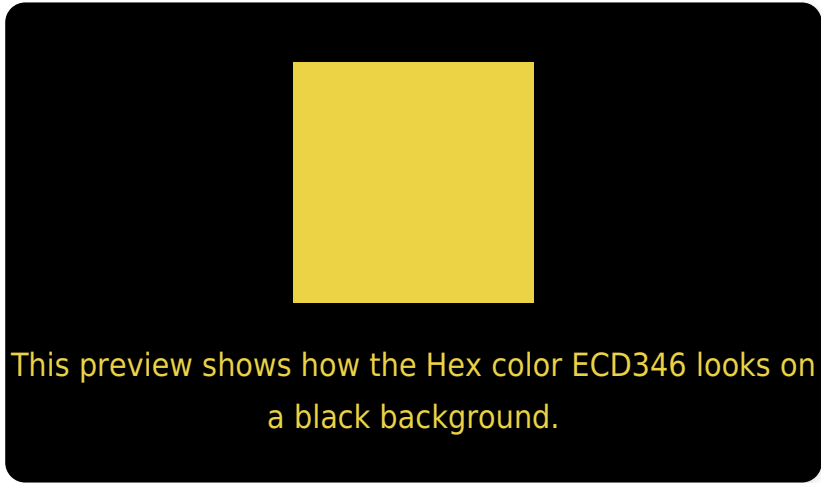
Large Text (above 18pt) WCAG AA × Fail

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 ECD346 Background



This preview shows how black text looks on a background with the Hex color ECD346.



This preview shows how white text looks on a background with the Hex color ECD346.

# 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**  
ECD346

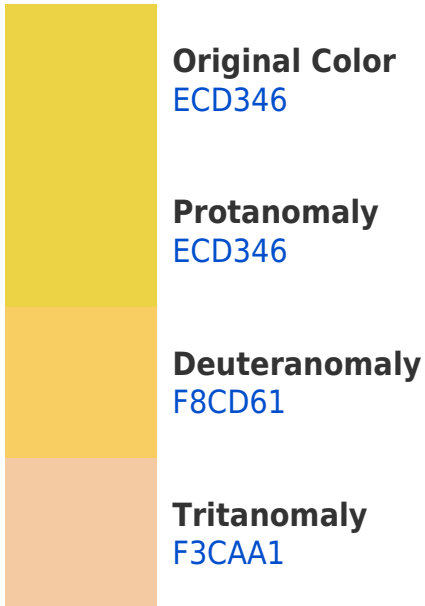
**Protanopia**  
ECD346

**Deuteranopia**  
FFCA71

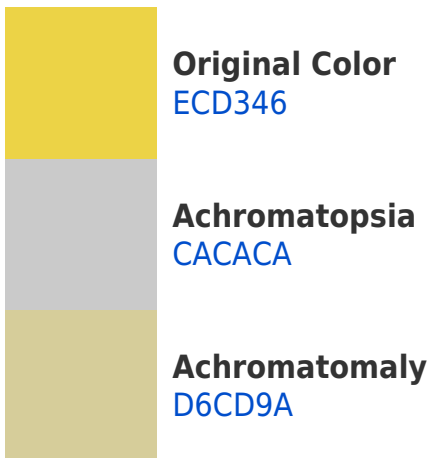


**Tritanopia**  
F7C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECD346 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 #ECD346 looks like.

```
.text, #text, p{  
    color:#ECD346  
}
```

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 #ECD346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECD346
}
```

## Border

The CSS property to change the border of an element to Hex ECD346 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
#ECD346 }
```

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

```
.border{ border-color:#ECD346 }
```

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

Here you see how a box with a 4 pixel #ECD346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECD346; -webkit-box-shadow:4px 4px  
4px 4px #ECD346; box-shadow:4px 4px 4px  
4px #ECD346 }
```

# Background

The CSS property to change the background color of an element to Hex ECD346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECD346 }
```

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

```
.background{ background-color:#ECD346 }
```

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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