

# Converting Colors

Hex(ECD731)

Have a look what the booklet for  
Hex(ECD731) contains.

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# **Color**

**Hex(ECD731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD731
RGB	236, 215, 49
RGB Percent	93%, 84%, 19%
CMY	0.0745, 0.1569, 0.8078
CMYK	0.00, 0.09, 0.79, 0.07
HSL	53°, 83%, 56%
HSV	53°, 79%, 93%
XYZ	59.4469, 66.6555, 12.6383
YIQ	202.3550, 65.8020, -47.1740

# Conversions

## Conversions Part 2

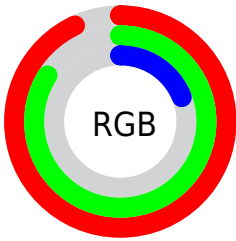
Format	Color
<a href="#">RYB</a>	<a href="#">73, 236, 49</a>
Decimal	<a href="#">15521585</a>
<a href="#">CIELab</a>	<a href="#">85.33, -9.17, 77.15</a>
<a href="#">CIELCh</a>	<a href="#">85, 77.689, 96.779</a>
<a href="#">Yxy</a>	<a href="#">66.6555, 0.4285, 0.4804</a>
Android (android.graphics.Color)	<a href="#">4293711665</a> ( <a href="#">0xFFECD731</a> )
<a href="#">YUV</a>	<a href="#">202.3550, -75.6040, 29.5067</a>
<a href="#">Hunter-Lab</a>	<a href="#">81.6428, -12.9031, 47.9719</a>

# Details

The Hex color **ECD731** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3146EC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF6E**, and **B0A100** is the 20% darker color. If you saturate the color by 10%, you get **ECD419**, and if you desaturate by 10%, it is **ECDA49**.

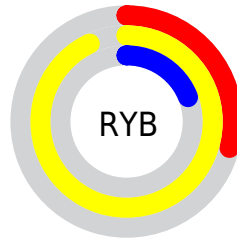
# Distribution



Red (93%)

Green (84%)

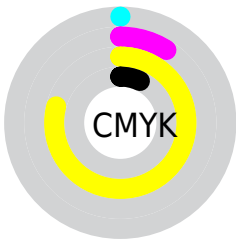
Blue (19%)



Red (29%)

Yellow (93%)

Blue (19%)

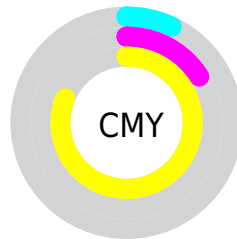


Cyan (0%)

Magenta (9%)

Yellow (79%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECD731 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 ECD731 by changing the saturation by 10% instead.



 ECD731

 ECD731

FFFFFF

 CEBB00

 FFFF6E

 B0A100

 FFFF8A

 938700

 FFFFA7

 766E00

 FFFFC4

 5A5600

 FFFFE1

 3F3F00

 252900

 061600

 000000

 ECD731

 ECD731

 ECD419

 ECDA49

 ECD202

 ECDC60

 ECD100

 ECDF78

 ECE28F

 ECE4A7

 ECE7BF

 ECEAD6

 ECECEE

 ECEFFF

# Harmonies

## Analogous

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



FFBC49



ECD731



9EEA56

# Triad

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



ECD731



00F6FF



FF9CFF

# Complementary

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



ECD731



3146EC

# 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.



EEBAFF



ECD731



00ECFF

# Square

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



ECD731



00F8E4



4ED8FF



FF8FC7

# Rectangle

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



ECD731



52F281



4ED8FF



FFA5FF



# Sweetspot

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



ECD731



FFF8C2



EC3147



807B5B



000000



808080



# Same Dimension

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



ECD731



FFE40D



A4EC31



75746A



B5A100



363000



# Inverse Universe

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



3146EC



0D28FF



7931EC



6A6B75



0014B5



000636



# Previews

## White Background



This preview shows how the Hex color ECD731 looks on a white background.

## Color Contrast Check

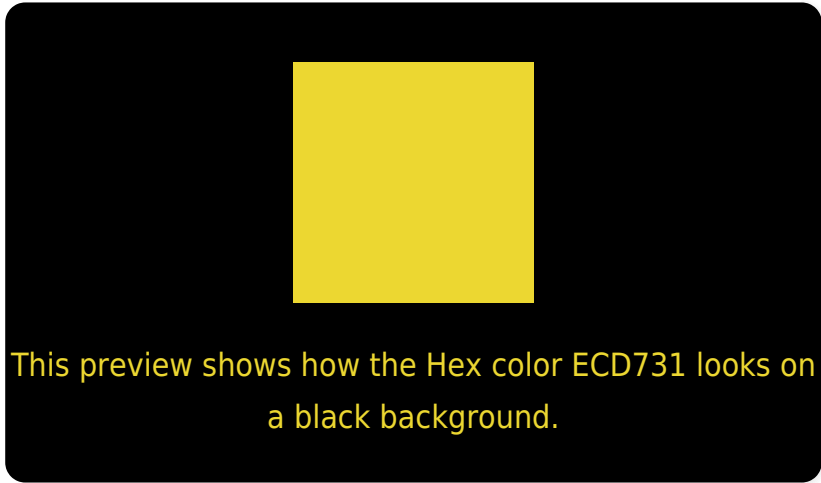
Large Text (above 18pt) WCAG AA × Fail

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 ECD731 Background



This preview shows how black text looks on a background with the Hex color ECD731.



This preview shows how white text looks on a background with the Hex color ECD731.

# 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](#).

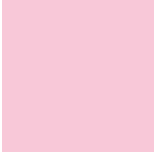
## Dichromacy



**Original Color**  
ECD731

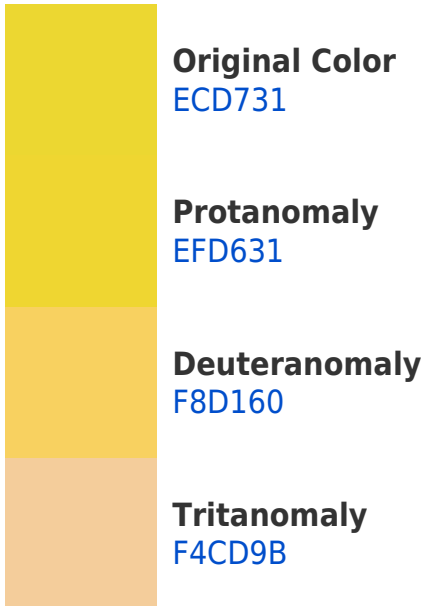
**Protanopia**  
F0D631

**Deuteranopia**  
FFCD7B

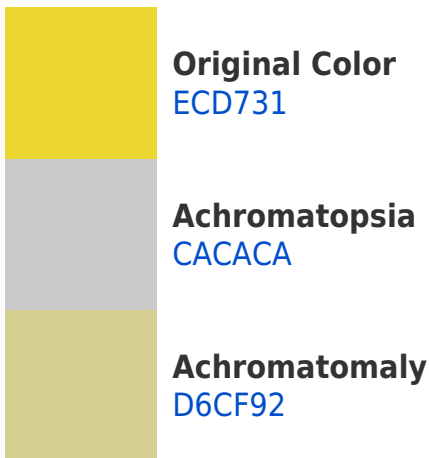


**Tritanopia**  
F8C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECD731 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 #ECD731 looks like.

```
.text, #text, p{  
    color:#ECD731  
}
```

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 #ECD731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECD731
}
```

## Border

The CSS property to change the border of an element to Hex ECD731 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
#ECD731 }
```

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

```
.border{ border-color:#ECD731 }
```

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

Here you see how a box with a 4 pixel #ECD731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECD731; -webkit-box-shadow:4px 4px  
4px 4px #ECD731; box-shadow:4px 4px 4px  
4px #ECD731 }
```

# Background

The CSS property to change the background color of an element to Hex ECD731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECD731 }
```

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

```
.background{ background-color:#ECD731 }
```

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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