

# Converting Colors

Hex(ECDE64)

Have a look what the booklet for  
Hex(ECDE64) contains.

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# **Color**

**Hex(ECDE64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECDE64
RGB	236, 222, 100
RGB Percent	93%, 87%, 39%
CMY	0.0745, 0.1294, 0.6078
CMYK	0.00, 0.06, 0.58, 0.07
HSL	54°, 78%, 66%
HSV	54°, 58%, 93%
XYZ	63.0136, 70.9955, 22.4389
YIQ	212.2780, 47.5060, -34.9740

# Conversions

## Conversions Part 2

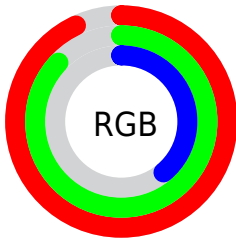
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 236, 100
Decimal	15523428
CIELab	87.48, -10.06, 60.28
CIELCh	87, 61.118, 99.478
Yxy	70.9955, 0.4028, 0.4538
Android (android.graphics.Color)	4293713508 (0xFFECDE64)
YUV	212.2780, -55.3531, 20.8042
Hunter-Lab	84.2588, -13.9604, 43.1917

# Details

The Hex color **ECDE64** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6472EC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF9B**, and **B1A72D** is the 20% darker color. If you saturate the color by 10%, you get **ECDC4C**, and if you desaturate by 10%, it is **ECE07C**.

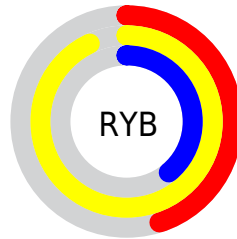
# Distribution



Red (93%)

Green (87%)

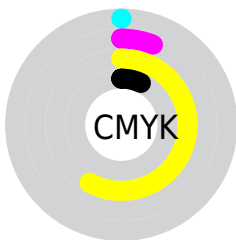
Blue (39%)



Red (45%)

Yellow (93%)

Blue (39%)

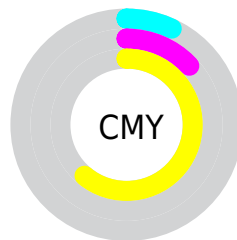


Cyan (0%)

Magenta (6%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECDE64 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 ECDE64 by changing the saturation by 10% instead.



 ECDE64

 ECDE64

FFFFFF

 CEC249

 FFFF9B

 B1A72D

 FFFFB7

 958D08

 FFFF D3

 797400

 FFFFF0

 5E5B00

 434400

 2A2E00

 0F1A00

 000000

 ECDE64

 ECDE64

 ECDC4C

 ECE07C

 ECD935

 ECE393

 ECD71D

 ECE5AB

 ECD406

 ECE8C2

 ECD400

 ECEADA

 ECEDF2

 ECEFFF

 ECF1FF

 ECF4FF

# Harmonies

## Analogous

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



FFCA6E



ECDE64



ADED7E

# Triad

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



ECDE64



00F6FF



FFB1FF

# Complementary

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



ECDE64



6472EC

# 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.



F8C5FF



ECDE64



00ECFF

# Square

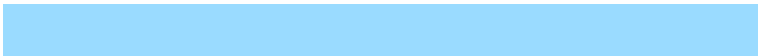
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECDE64



00F9EC



9ADBFF



FFAACB

# Rectangle

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



ECDE64



79F49E



9ADBFF



FFB6FF



# Sweetspot

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



ECDE64



FFFBD4



EC6474



807D66



000000



808080



# Same Dimension

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



ECDE64



FFED4F



B8EC64



75746A



B5A200



363000



# Inverse Universe

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



6472EC



4F61FF



9864EC



6A6B75



0013B5

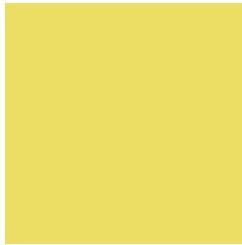


000636



# Previews

## White Background



This preview shows how the Hex color ECDE64 looks on a white background.

## Color Contrast Check

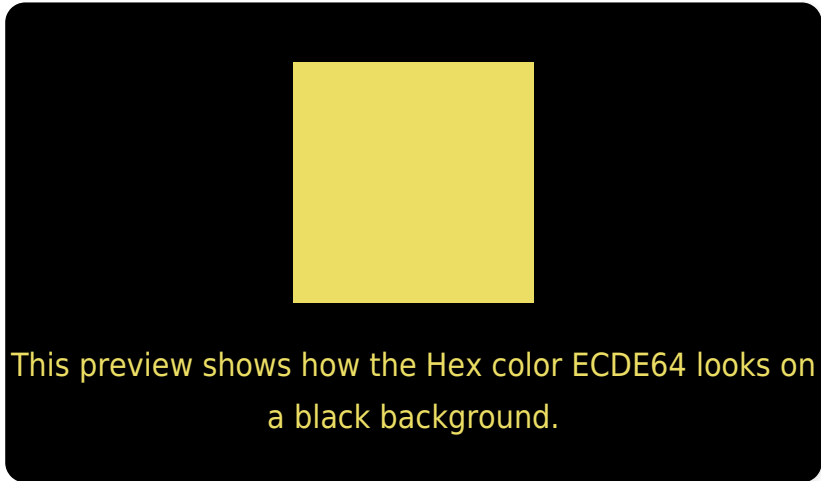
Large Text (above 18pt) WCAG AA × Fail

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 ECDE64 Background



This preview shows how black text looks on a background with the Hex color ECDE64.

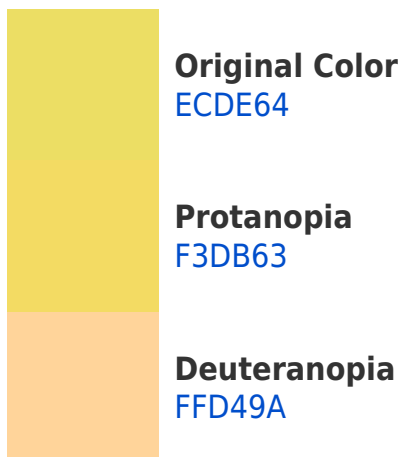


This preview shows how white text looks on a background with the Hex color ECDE64.

# 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](#).

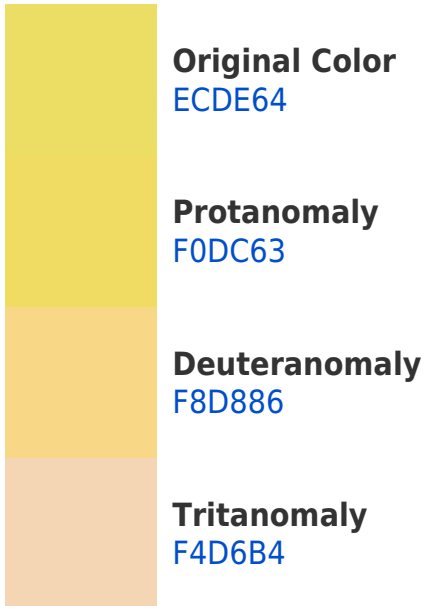
## Dichromacy



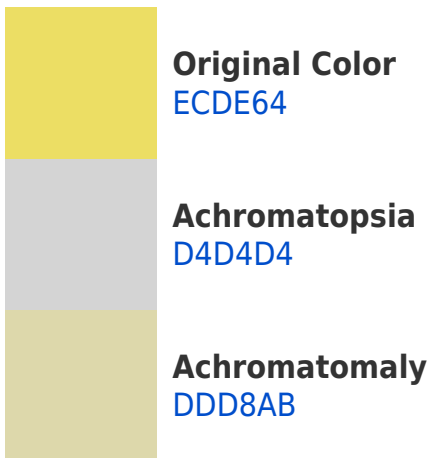


**Tritanopia**  
F8D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECDE64 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 #ECDE64 looks like.

```
.text, #text, p{  
    color:#ECDE64  
}
```

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 #ECDE64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECDE64
}
```

## Border

The CSS property to change the border of an element to Hex ECDE64 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
#ECDE64 }
```

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

```
.border{ border-color:#ECDE64 }
```

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

Here you see how a box with a 4 pixel #ECDE64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECDE64; -webkit-box-shadow:4px 4px  
4px 4px #ECDE64; box-shadow:4px 4px 4px  
4px #ECDE64 }
```

# Background

The CSS property to change the background color of an element to Hex ECDE64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECDE64 }
```

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

```
.background{ background-color:#ECDE64 }
```

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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