

Converting Colors

Hex(ECD77B)

Have a look what the booklet for
Hex(ECD77B) contains.

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Color

Hex(ECD77B)

Conversions

Conversions Part 1

Format	Color
Hex	ECD77B
RGB	236, 215, 123
RGB Percent	93%, 84%, 48%
CMY	0.0745, 0.1569, 0.5176
CMYK	0.00, 0.09, 0.48, 0.07
HSL	49°, 75%, 70%
HSV	49°, 48%, 93%
XYZ	62.4677, 67.8638, 28.5455
YIQ	210.7910, 42.0480, -24.1600

Conversions

Conversions Part 2

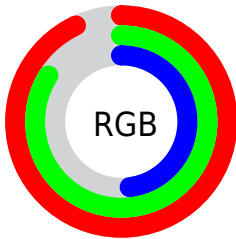
Format	Color
RYB	149, 236, 123
Decimal	15521659
CIELab	85.94, -4.67, 47.75
CIELCh	86, 47.980, 95.585
Yxy	67.8638, 0.3932, 0.4271
Android (android.graphics.Color)	4293711739 (0xFFECD77B)
YUV	210.7910, -43.2810, 22.1083
Hunter-Lab	82.3795, -8.8091, 37.1209

Details

The Hex color **ECD77B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B90EC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFB1**, and **B2A047** is the 20% darker color. If you saturate the color by 10%, you get **ECD363**, and if you desaturate by 10%, it is **ECDB93**.

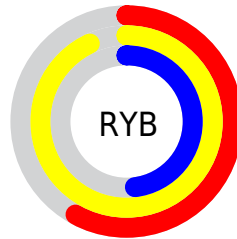
Distribution



Red (93%)

Green (84%)

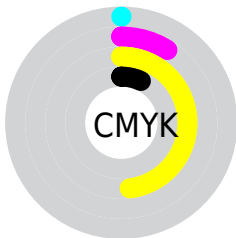
Blue (48%)



Red (58%)

Yellow (93%)

Blue (48%)

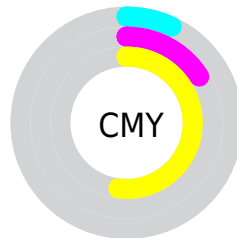


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECD77B 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 ECD77B by changing the saturation by 10% instead.

 ECD77B

 ECD77B

FFFFFF

 CFBB61

 FFFFB1

 B2A047

 FFFFCF

 96862E

 FFFFEA

 7B6D12

 605500

 463E00

 2D2900

 131500

 000000

 ECD77B

 ECD77B

 ECD363

 ECDB93

 ECCE4C

 ECE0AA

 ECCA34

 ECE4C2

 ECC51D

 ECE9D9

 ECC105

 ECEDF1

 ECC000

 ECF1FF

 ECF6FF

 ECFAFF

 ECFEFF

Harmonies

Analogous

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



FFC785



ECD77B



BBE48B

Triad

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



ECD77B



00EDFF



FFB9FD

Complementary

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



ECD77B



7B90EC

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.



E7C8FF



ECD77B



45E6FF

Square

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



ECD77B



37EFDE



A1D9FF



FFB3D0

Rectangle

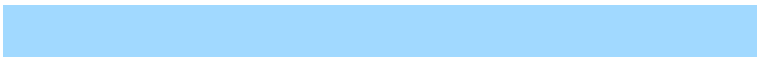
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECD77B



97EAA2



A1D9FF



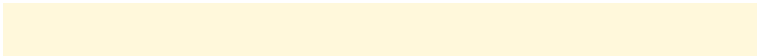
FFBDFE

Sweetspot

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



ECD77B



FFF8DB



EC7B92



807B6A



000000



808080

Same Dimension

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



ECD77B



FFE46E



CAEC7B



75736A



B59300



362C00

Inverse Universe

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



7B90EC



6E89FF



9D7BEC



6A6C75



0022B5



000A36

Previews

White Background



This preview shows how the Hex color ECD77B looks on a white background.

Color Contrast Check

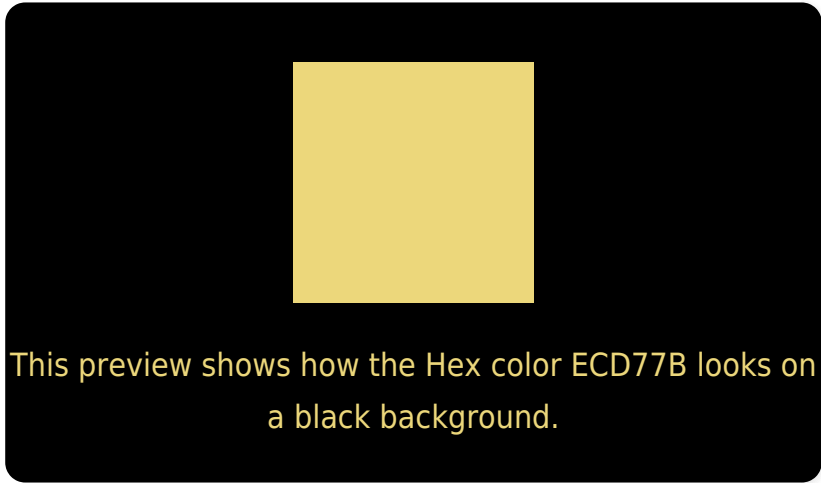
Large Text (above 18pt) WCAG AA × Fail

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 ECD77B Background



This preview shows how black text looks on a background with the Hex color ECD77B.

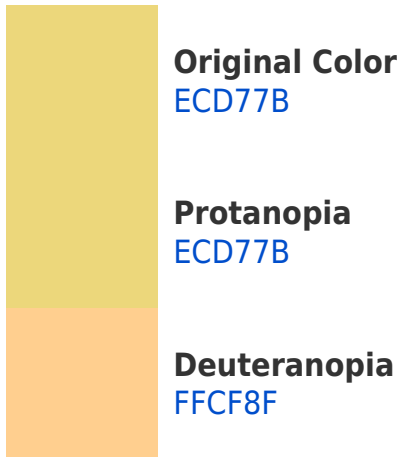


This preview shows how white text looks on a background with the Hex color ECD77B.

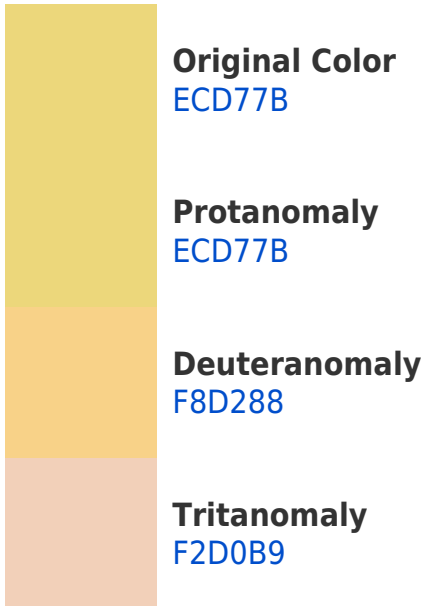
Color Blindness Simulation

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](#).

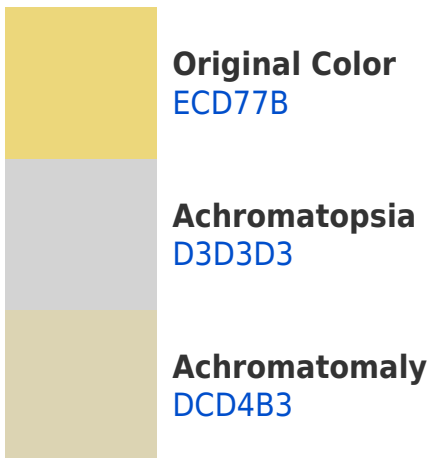
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECD77B 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 #ECD77B looks like.

```
.text, #text, p{  
    color:#ECD77B  
}
```

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 #ECD77B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECD77B
}
```

Border

The CSS property to change the border of an element to Hex ECD77B 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
#ECD77B }
```

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

```
.border{ border-color:#ECD77B }
```

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

Here you see how a box with a 4 pixel #ECD77B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECD77B; -webkit-box-shadow:4px 4px  
4px 4px #ECD77B; box-shadow:4px 4px 4px  
4px #ECD77B }
```

Background

The CSS property to change the background color of an element to Hex ECD77B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECD77B }
```

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

```
.background{ background-color:#ECD77B }
```

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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