

Converting Colors

Hex(ECD163)

Have a look what the booklet for
Hex(ECD163) contains.

Hex(ECD163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ECD163)

Conversions

Conversions Part 1

Format	Color
Hex	ECD163
RGB	236, 209, 99
RGB Percent	93%, 82%, 39%
CMY	0.0745, 0.1804, 0.6118
CMYK	0.00, 0.11, 0.58, 0.07
HSL	48°, 78%, 66%
HSV	48°, 58%, 93%
XYZ	59.6447, 64.3346, 21.0786
YIQ	204.5330, 51.4020, -28.4860

Conversions

Conversions Part 2

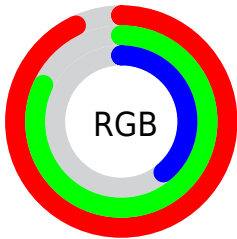
Format	Color
RYB	133, 236, 99
Decimal	15520099
CIELab	84.14, -3.57, 56.96
CIELCh	84, 57.069, 93.584
Yxy	64.3346, 0.4112, 0.4435
Android (android.graphics.Color)	4293710179 (0xFFECD163)
YUV	204.5330, -52.0278, 27.5966
Hunter-Lab	80.2089, -7.6300, 40.5650

Details

The Hex color **ECD163** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **637EEC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF99**, and **B19B2D** is the 20% darker color. If you saturate the color by 10%, you get **ECCC4B**, and if you desaturate by 10%, it is **ECD67B**.

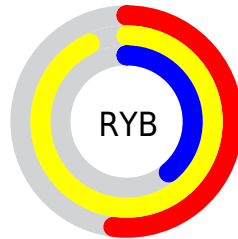
Distribution



Red (93%)

Green (82%)

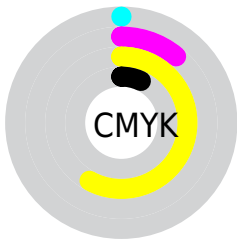
Blue (39%)



Red (52%)

Yellow (93%)

Blue (39%)

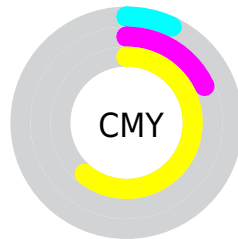


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECD163 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 ECD163 by changing the saturation by 10% instead.

 ECD163

 ECD163

FFFFFF

 CEB649

 FFFF99

 B19B2D

 FFFF85

 95810D

 FFFF69

 796800

 FFFF54

 5E5000

 433A00

 2A2400

 0E1000

 000000

 ECD163

 ECD163

 ECC4B

 ECD67B

 ECC834

 ECDA92

 ECC31C

 ECDFAA

 ECBE05

 ECE4C1

 ECBD00

 ECE8D9

 ECEDF1

 ECF2FF

 ECF6FF

 ECFBFF

Harmonies

Analogous

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



FFBE72



ECD163



B4E075

Triad

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



ECD163



00ECFF



FFAEFF

Complementary

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



ECD163



637EEC

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.



DFC1FF



ECD163



00E4FF

Square

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



ECD163



00EDD7



81D5FF



FFA5CD

Rectangle

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



ECD163



87E790



81D5FF



FFB4FF

Sweetspot

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



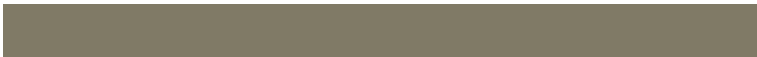
ECD163



FFF6D4



EC637E



807A66



000000



808080

Same Dimension

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



ECD163



FFDC4D



C3EC63



75736A



B59100



362B00

Inverse Universe

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



637EEC



4D70FF



8C63EC



6A6C75



0024B5



000B36

Previews

White Background



This preview shows how the Hex color ECD163 looks on a white background.

Color Contrast Check

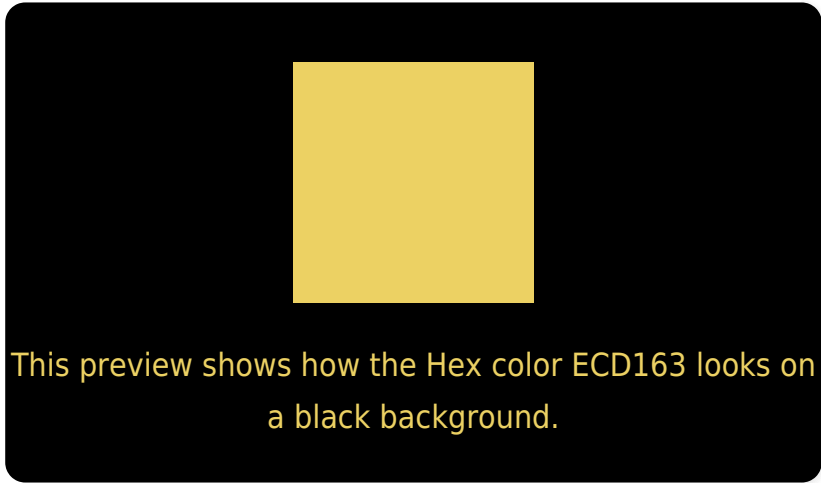
Large Text (above 18pt) WCAG AA × Fail

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 ECD163 Background



This preview shows how black text looks on a background with the Hex color ECD163.

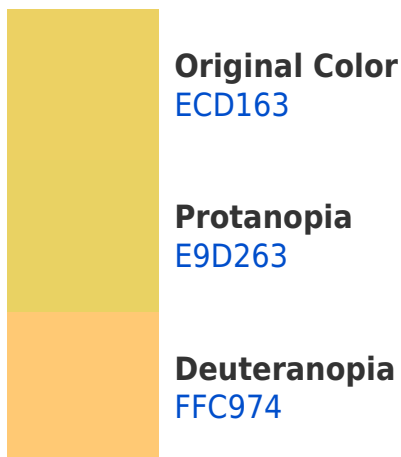


This preview shows how white text looks on a background with the Hex color ECD163.

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](#).

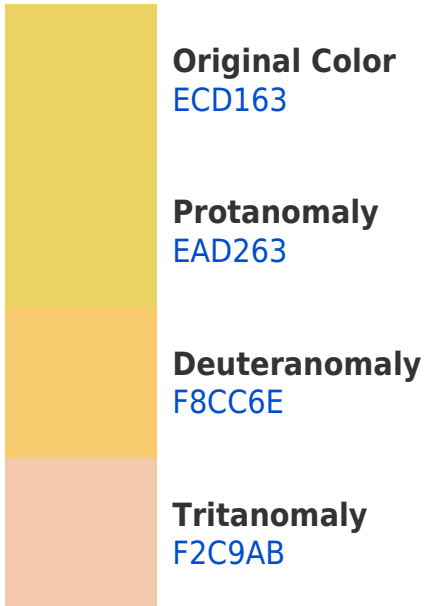
Dichromacy



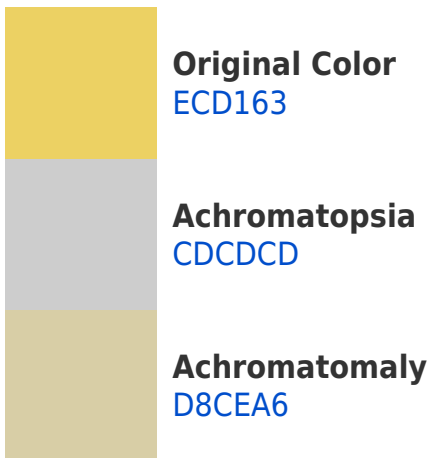


Tritanopia
F6C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECD163 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 #ECD163 looks like.

```
.text, #text, p{  
    color:#ECD163  
}
```

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 #ECD163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECD163
}
```

Border

The CSS property to change the border of an element to Hex ECD163 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
#ECD163 }
```

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

```
.border{ border-color:#ECD163 }
```

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

Here you see how a box with a 4 pixel #ECD163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECD163; -webkit-box-shadow:4px 4px  
4px 4px #ECD163; box-shadow:4px 4px 4px  
4px #ECD163 }
```

Background

The CSS property to change the background color of an element to Hex ECD163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECD163 }
```

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

```
.background{ background-color:#ECD163 }
```

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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