

Converting Colors

Hex(ECD155)

Have a look what the booklet for
Hex(ECD155) contains.

Hex(ECD155)	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(ECD155)

Conversions

Conversions Part 1

Format	Color
Hex	ECD155
RGB	236, 209, 85
RGB Percent	93%, 82%, 33%
CMY	0.0745, 0.1804, 0.6667
CMYK	0.00, 0.11, 0.64, 0.07
HSL	49°, 80%, 63%
HSV	49°, 64%, 93%
XYZ	59.0322, 64.0897, 17.8535
YIQ	202.9370, 55.8960, -32.8400

Conversions

Conversions Part 2

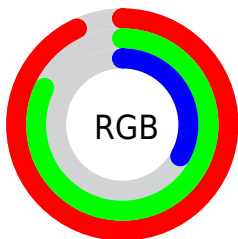
Format	Color
RYB	118, 236, 85
Decimal	15520085
CIELab	84.01, -4.49, 62.97
CIELCh	84, 63.128, 94.077
Yxy	64.0897, 0.4187, 0.4546
Android (android.graphics.Color)	4293710165 (0xFFECD155)
YUV	202.9370, -58.1429, 28.9963
Hunter-Lab	80.0560, -8.4746, 42.8168

Details

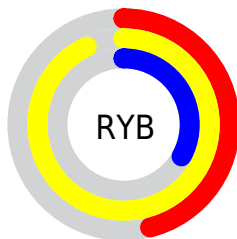
The Hex color **ECD155** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5570EC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF8C**, and **B19B1A** is the 20% darker color. If you saturate the color by 10%, you get **ECCD3D**, and if you desaturate by 10%, it is **ECD56D**.

Distribution



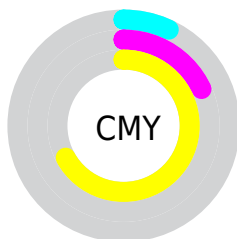
- Red (93%)
- Green (82%)
- Blue (33%)



- Red (46%)
- Yellow (93%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (64%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECD155 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 ECD155 by changing the saturation by 10% instead.

 ECD155

 ECD155

FFFFFF

 CEB639

 FFFF8C

 B19B1A

 FFFFA7

 948100

 FFFFC4

 786800

 FFFFEO

 5D5000

FFFFFFE

 423A00

 282500

 0B1000

 000000

 ECD155

 ECD155

 ECCD3D

 ECD56D

 ECC926

 ECD984

 ECC40E

 ECDE9C

 ECC200

 ECE2B3

 ECE6CB

 ECEAE3

 ECEFFA

 ECF3FF

 ECF7FF

Harmonies

Analogous

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



FFBC66



ECD155



AEE16A

Triad

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



ECD155



00EEFF



FFA8FF

Complementary

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



ECD155



5570EC

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.



E0BFFF



ECD155



00E5FF

Square

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



ECD155



00EFD8



71D5FF



FF9ECC

Rectangle

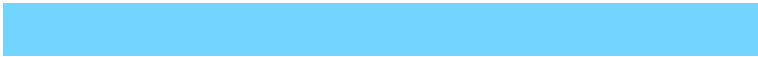
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECD155



7BE989



71D5FF



FFAFFF

Sweetspot

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



ECD155



FFF6CF



EC5571



807A62



000000



808080

Same Dimension

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



ECD155



FFDC3B



BCEC55



75736A



B59500



362C00

Inverse Universe

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



5570EC



3B5EFF



8555EC



6A6C75



0020B5



000A36

Previews

White Background



This preview shows how the Hex color ECD155 looks on a white background.

Color Contrast Check

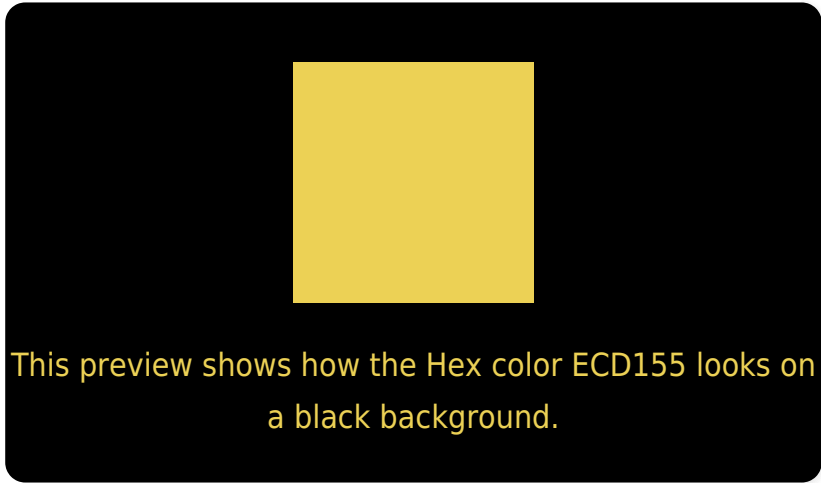
Large Text (above 18pt) WCAG AA × Fail

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 ECD155 Background



This preview shows how black text looks on a background with the Hex color ECD155.

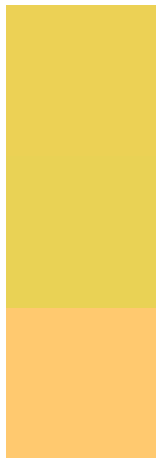


This preview shows how white text looks on a background with the Hex color ECD155.

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
ECD155

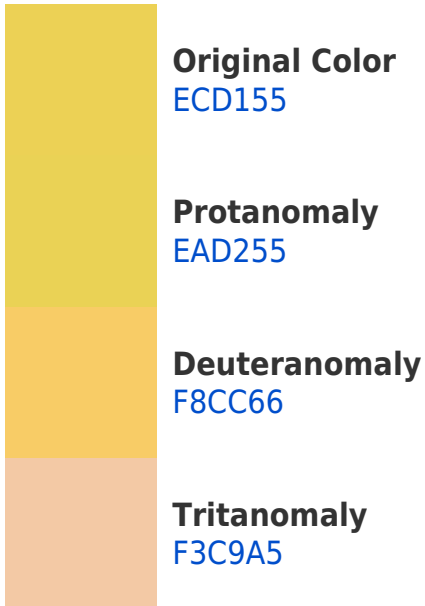
Protanopia
E9D255

Deuteranopia
FFC96F

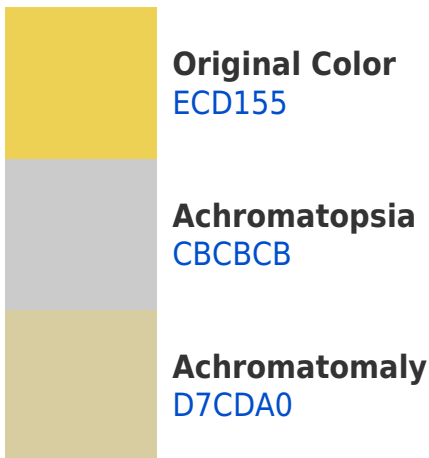


Tritanopia
F7C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECD155 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 #ECD155 looks like.

```
.text, #text, p{  
    color:#ECD155  
}
```

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 #ECD155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECD155  
}
```

Border

The CSS property to change the border of an element to Hex ECD155 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  
#ECD155 }
```

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

```
.border{ border-color:#ECD155 }
```

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

Here you see how a box with a 4 pixel #ECD155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECD155; -webkit-box-shadow:4px 4px  
4px 4px #ECD155; box-shadow:4px 4px 4px  
4px #ECD155 }
```

Background

The CSS property to change the background color of an element to Hex ECD155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECD155 }
```

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

```
.background{ background-color:#ECD155 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor