

Converting Colors

Hex(E3D170)

Have a look what the booklet for
Hex(E3D170) contains.

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Color

Hex(E3D170)

Conversions

Conversions Part 1

Format	Color
Hex	E3D170
RGB	227, 209, 112
RGB Percent	89%, 82%, 44%
CMY	0.1098, 0.1804, 0.5608
CMYK	0.00, 0.08, 0.51, 0.11
HSL	51°, 67%, 66%
HSV	51°, 51%, 89%
XYZ	57.4036, 63.1017, 24.4836
YIQ	203.3240, 41.8650, -26.3510

Conversions

Conversions Part 2

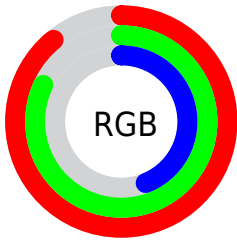
Format	Color
RYB	133, 227, 112
Decimal	14930288
CIELab	83.50, -6.22, 49.93
CIElCh	83, 50.312, 97.103
Yxy	63.1017, 0.3959, 0.4352
Android (android.graphics.Color)	4293120368 (0xFFE3D170)
YUV	203.3240, -45.0227, 20.7639
Hunter-Lab	79.4366, -10.0236, 37.3315

Details

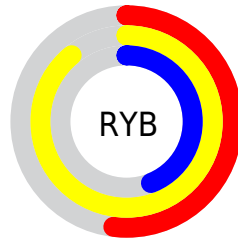
The Hex color **E3D170** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7082E3**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFA6**, and **A99B3C** is the 20% darker color. If you saturate the color by 10%, you get **E3CD59**, and if you desaturate by 10%, it is **E3D587**.

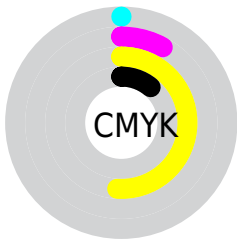
Distribution



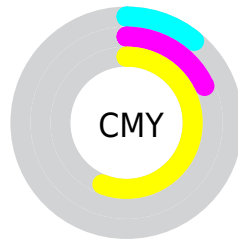
- Red (89%)
- Green (82%)
- Blue (44%)



- Red (52%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (51%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3D170 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 E3D170 by changing the saturation by 10% instead.

 E3D170

 E3D170

FFFFFFF

 C6B656

 FFFFA6

 A99B3C

 FFFFC2

 8D8122

 FFFFDE

 726800

 FFFFFB

 585000

 3E3900

 252400

 031000

 000000

 E3D170

 E3D170

 E3CD59

 E3D587

 E3CA43

 E3D89D

 E3C62C

 E3DCB4

 E3C315

 E3DFCB

 E3BF00

 E3E3E2

 E3E6F8

 E3EAF8

 E3EDFF

 E3F1FF

Harmonies

Analogous

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



FFC179



E3D170



B0DE82

Triad

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



E3D170



00E7FF



FFB0F6

Complementary

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



E3D170



7082E3

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.



E4BFFF



E3D170



24DFFF

Square

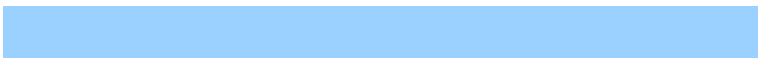
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3D170



00E9DA



9AD1FF



FFAAC6

Rectangle

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



E3D170



89E49B



9AD1FF



FFB4FF

Sweetspot

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



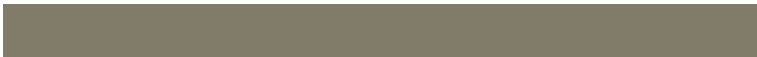
E3D170



FFF9D9



E37083



807C69



000000



808080

Same Dimension

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



E3D170



FFE763



BDE370



737167



B39700



332B00

Inverse Universe

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



7082E3



637CFF



9670E3



676973



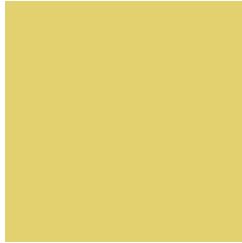
001CB3



000833

Previews

White Background



This preview shows how the Hex color E3D170 looks on a white background.

Color Contrast Check

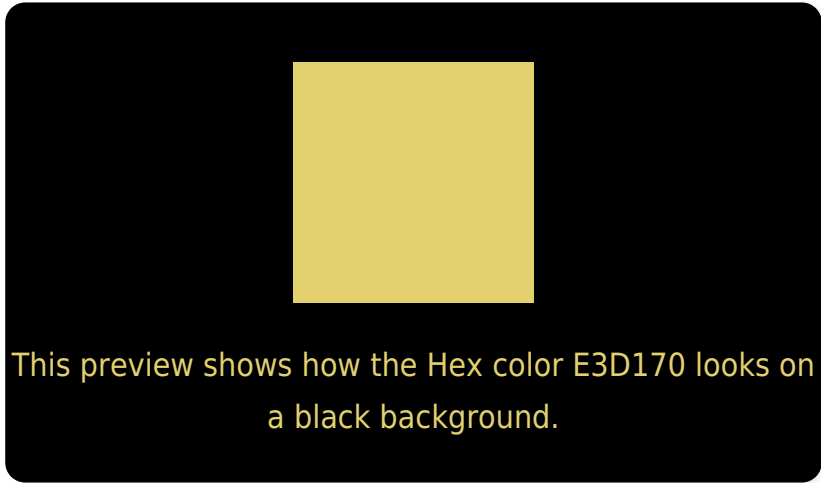
Large Text (above 18pt) WCAG AA × Fail

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 E3D170 Background



This preview shows how black text looks on a background with the Hex color E3D170.

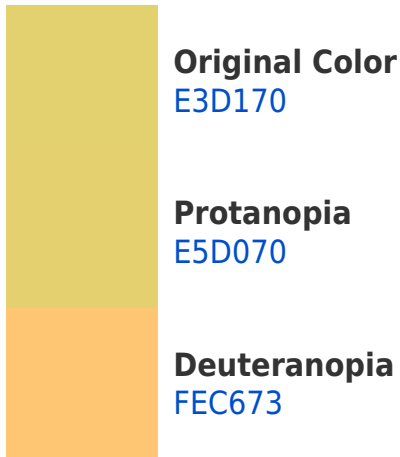


This preview shows how white text looks on a background with the Hex color E3D170.

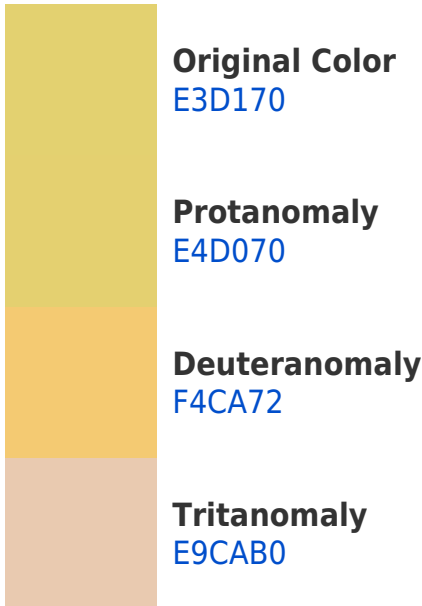
Color Blindness Simulation

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](#).

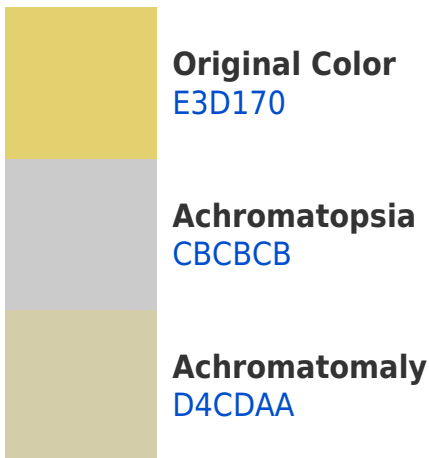
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3D170 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 #E3D170 looks like.

```
.text, #text, p{  
    color:#E3D170  
}
```

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 #E3D170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D170
}
```

Border

The CSS property to change the border of an element to Hex E3D170 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
#E3D170 }
```

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

```
.border{ border-color:#E3D170 }
```

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

Here you see how a box with a 4 pixel #E3D170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D170; -webkit-box-shadow:4px 4px  
4px 4px #E3D170; box-shadow:4px 4px 4px  
4px #E3D170 }
```

Background

The CSS property to change the background color of an element to Hex E3D170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D170 }
```

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

```
.background{ background-color:#E3D170 }
```

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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