

Converting Colors

Hex(E3DC4D)

Have a look what the booklet for
Hex(E3DC4D) contains.

Hex(E3DC4D)	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(E3DC4D)

Conversions

Conversions Part 1

Format	Color
Hex	E3DC4D
RGB	227, 220, 77
RGB Percent	89%, 86%, 30%
CMY	0.1098, 0.1373, 0.6980
CMYK	0.00, 0.03, 0.66, 0.11
HSL	57°, 73%, 60%
HSV	57°, 66%, 89%
XYZ	58.6113, 68.0531, 17.0676
YIQ	205.7910, 50.0750, -42.9890

Conversions

Conversions Part 2

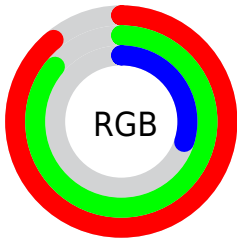
Format	Color
RYB	84, 227, 77
Decimal	14933069
CIELab	86.03, -14.21, 68.08
CIElCh	86, 69.550, 101.793
Yxy	68.0531, 0.4078, 0.4735
Android (android.graphics.Color)	4293123149 (0xFFE3DC4D)
YUV	205.7910, -63.4940, 18.6003
Hunter-Lab	82.4943, -17.5427, 45.4793

Details

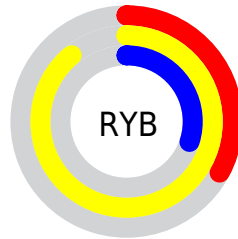
The Hex color **E3DC4D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4D54E3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF85**, and **A8A504** is the 20% darker color. If you saturate the color by 10%, you get **E3DB36**, and if you desaturate by 10%, it is **E3DD64**.

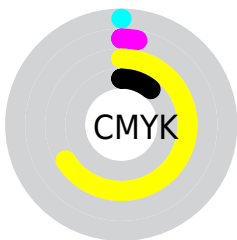
Distribution



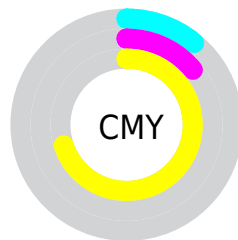
- Red (89%)
- Green (86%)
- Blue (30%)



- Red (33%)
- Yellow (89%)
- Blue (30%)



- Cyan (0%)
- Magenta (3%)
- Yellow (66%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3DC4D 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 E3DC4D by changing the saturation by 10% instead.

 E3DC4D

 E3DC4D

FFFFFF

 C5C02F

 FFFF85

 A8A504

 FFFFA1

 8C8B00

 FFFFBD

 707200

 FFFFDA

 545900

 FFFFF8

 394200

 202C00

 001900

 000000

 E3DC4D

 E3DC4D

 E3DB36

 E3DD64

 E3DA20

 E3DE7A

 E3D909

 E3DF91

 E3D800

 E3E0A8

 E3E1BE

 E3E2D5

 E3E3EC

 E3E4FF

 E3E6FF

Harmonies

Analogous

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



FFC556



E3DC4D



9AEC70

Triad

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



E3DC4D



00F4FF



FFA3FF

Complementary

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



E3DC4D



4D54E3

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.



FDBBFF



E3DC4D



00E9FF

Square

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



E3DC4D



00F8F0



8FD6FF



FF9DC0

Rectangle

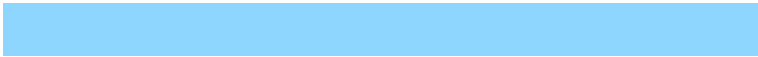
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3DC4D



55F396



8FD6FF



FFAAFF

Sweetspot

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



E3DC4D



FFDCC



E34D55



807E61



000000



808080

Same Dimension

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



E3DC4D



FFF636



A0E34D



737267



B3AA00



333100

Inverse Universe

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



4D54E3



363FFF



914DE3



676873



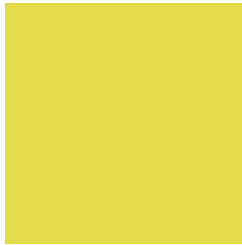
0008B3



000233

Previews

White Background



This preview shows how the Hex color E3DC4D looks on a white background.

Color Contrast Check

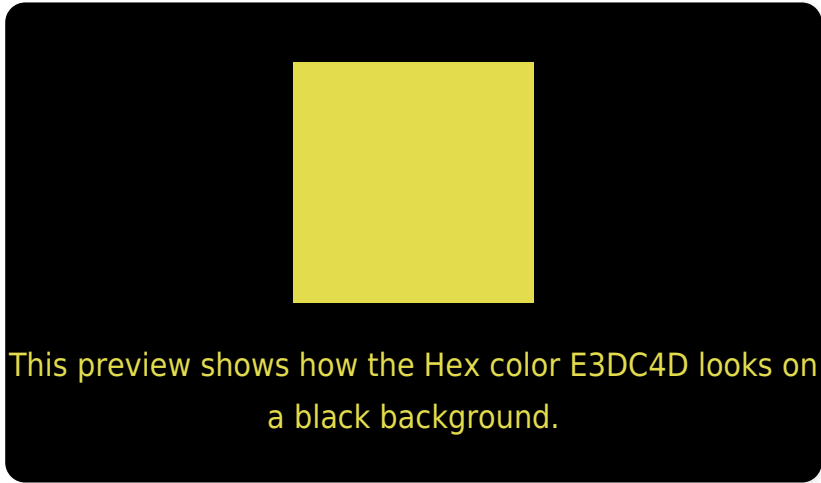
Large Text (above 18pt) WCAG AA × Fail

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 E3DC4D Background



This preview shows how black text looks on a background with the Hex color E3DC4D.

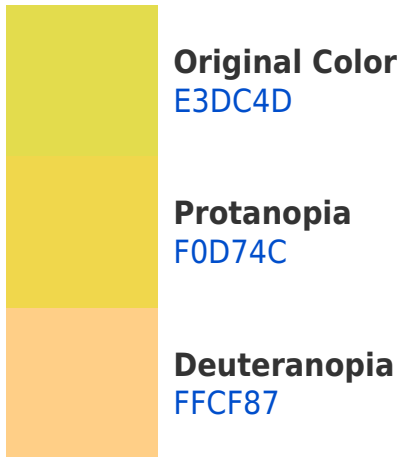


This preview shows how white text looks on a background with the Hex color E3DC4D.

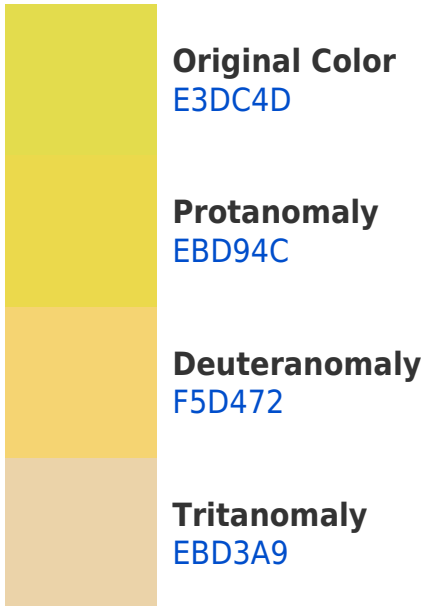
Color Blindness Simulation

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](#).

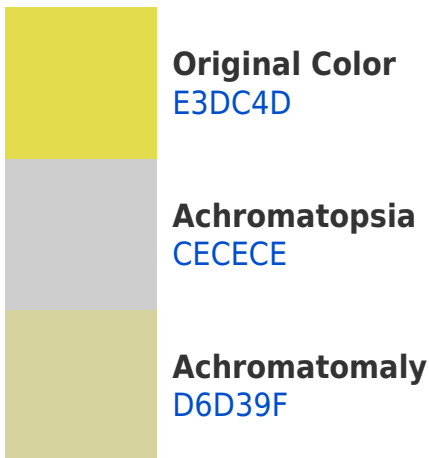
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3DC4D 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 #E3DC4D looks like.

```
.text, #text, p{  
    color:#E3DC4D  
}
```

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 #E3DC4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3DC4D
}
```

Border

The CSS property to change the border of an element to Hex E3DC4D 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
#E3DC4D }
```

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

```
.border{ border-color:#E3DC4D }
```

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

Here you see how a box with a 4 pixel #E3DC4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3DC4D; -webkit-box-shadow:4px 4px  
4px 4px #E3DC4D; box-shadow:4px 4px 4px  
4px #E3DC4D }
```

Background

The CSS property to change the background color of an element to Hex E3DC4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3DC4D }
```

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

```
.background{ background-color:#E3DC4D }
```

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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