

Converting Colors

Hex(D3EC4E)

Have a look what the booklet for
Hex(D3EC4E) contains.

Hex(D3EC4E)	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(D3EC4E)

Conversions

Conversions Part 1

Format	Color
Hex	D3EC4E
RGB	211, 236, 78
RGB Percent	83%, 93%, 31%
CMY	0.1725, 0.0745, 0.6941
CMYK	0.11, 0.00, 0.67, 0.07
HSL	69°, 81%, 62%
HSV	69°, 67%, 93%
XYZ	58.2346, 74.3898, 18.4971
YIQ	210.5130, 35.8180, -54.4380

Conversions

Conversions Part 2

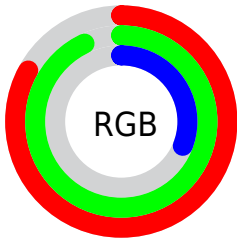
Format	Color
RYB	78, 236, 103
Decimal	13888590
CIELab	89.11, -28.38, 70.45
CIELCh	89, 75.951, 111.938
Yxy	74.3898, 0.3853, 0.4923
Android (android.graphics.Color)	4292078670 (0xFFD3EC4E)
YUV	210.5130, -65.3289, 0.4271
Hunter-Lab	86.2495, -30.4158, 47.6593

Details

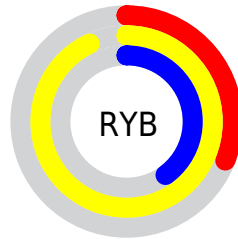
The Hex color **D3EC4E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **674EEC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF87**, and **99B400** is the 20% darker color. If you saturate the color by 10%, you get **CFEC36**, and if you desaturate by 10%, it is **D7EC66**.

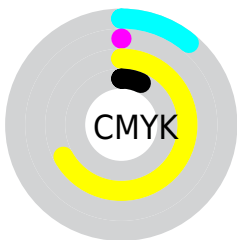
Distribution



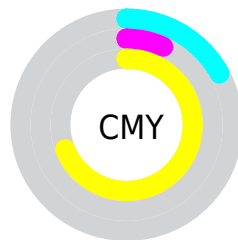
- Red (83%)
- Green (93%)
- Blue (31%)



- Red (31%)
- Yellow (93%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (67%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3EC4E 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 D3EC4E by changing the saturation by 10% instead.

 D3EC4E

 D3EC4E

FFFFFF

 B6D02F

 FFFF87

 99B400

 FFFFA3

 7D9900

 FFFF00

 617F00

 FFFFDD

 466600

 FFFFFB

 294E00

 0A3700

 002300

 000000

 D3EC4E

 D3EC4E

 CFEC36

 D7EC66

 CCEC1F

 DAEC7D

 C8EC07

 DEEC95

 C7EC00

 E2ECAC

 E6ECC4

 E9ECDC

 EDECF3

 F1ECFF

 F5ECFF

Harmonies

Analogous

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



FFD546



D3EC4E



79FB82

Triad

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



D3EC4E



00DFF



FFA0F7

Complementary

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



D3EC4E



674EEC

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.



FFB6FF



D3EC4E



00EEFF

Square

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



D3EC4E



00FFFF



C0D5FF



FFA1AE

Rectangle

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



D3EC4E



00FFB0



C0D5FF



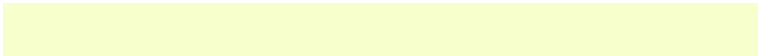
FFA5FF

Sweetspot

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



D3EC4E



F7FFCC



EC664E



7B8061



000000



808080

Same Dimension

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



D3EC4E



DFFF33



85EC4E



73756A



98B500



2D3600

Inverse Universe

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



674EEC



5333FF



B54EEC



6B6A75



1D00B5



080036

Previews

White Background



This preview shows how the Hex color D3EC4E 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



This preview shows how the Hex color D3EC4E looks on a 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 D3EC4E Background



This preview shows how black text looks on a background with the Hex color D3EC4E.

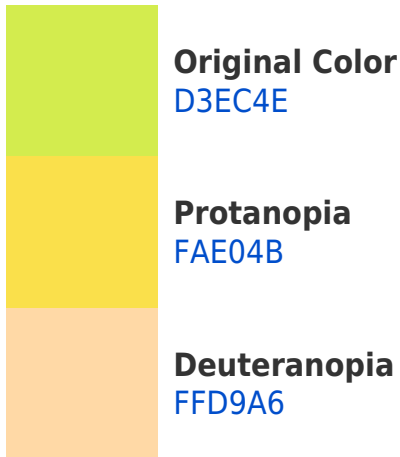


This preview shows how white text looks on a background with the Hex color D3EC4E.

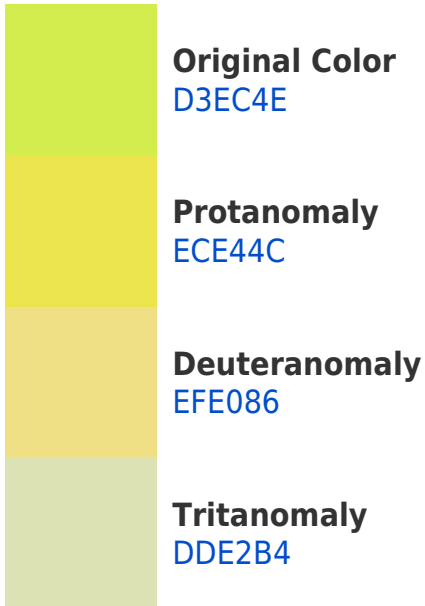
Color Blindness Simulation

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](#).

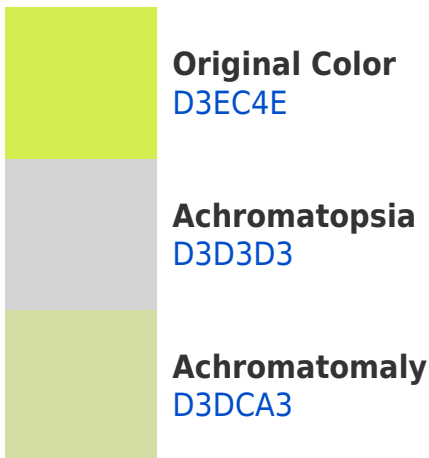
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3EC4E 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 #D3EC4E looks like.

```
.text, #text, p{  
    color:#D3EC4E  
}
```

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 #D3EC4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3EC4E
}
```

Border

The CSS property to change the border of an element to Hex D3EC4E 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
#D3EC4E }
```

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

```
.border{ border-color:#D3EC4E }
```

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

Here you see how a box with a 4 pixel #D3EC4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3EC4E; -webkit-box-shadow:4px 4px  
4px 4px #D3EC4E; box-shadow:4px 4px 4px  
4px #D3EC4E }
```

Background

The CSS property to change the background color of an element to Hex D3EC4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3EC4E }
```

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

```
.background{ background-color:#D3EC4E }
```

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