

Converting Colors

Hex(D1ED3A)

Have a look what the booklet for
Hex(D1ED3A) contains.

Hex(D1ED3A)	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(D1ED3A)

Conversions

Conversions Part 1

Format	Color
Hex	D1ED3A
RGB	209, 237, 58
RGB Percent	82%, 93%, 23%
CMY	0.1804, 0.0706, 0.7725
CMYK	0.12, 0.00, 0.76, 0.07
HSL	69°, 83%, 58%
HSV	69°, 76%, 93%
XYZ	57.3424, 74.4292, 15.3470
YIQ	208.2220, 40.7710, -61.6050

Conversions

Conversions Part 2

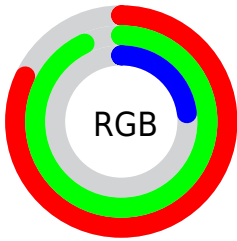
Format	Color
RYB	58, 237, 86
Decimal	13757754
CIELab	89.12, -30.64, 77.17
CIELCh	89, 83.025, 111.653
Yxy	74.4292, 0.3898, 0.5059
Android (android.graphics.Color)	4291947834 (0xFFD1ED3A)
YUV	208.2220, -74.0594, 0.6823
Hunter-Lab	86.2723, -32.3335, 49.8435

Details

The Hex color **D1ED3A** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **563AED**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF76**, and **96B500** is the 20% darker color. If you saturate the color by 10%, you get **CDED22**, and if you desaturate by 10%, it is **D5ED52**.

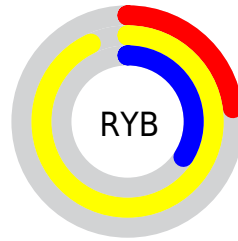
Distribution



Red (82%)

Green (93%)

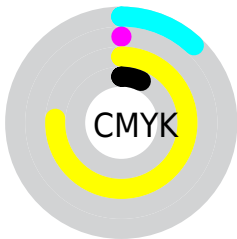
Blue (23%)



Red (23%)

Yellow (93%)

Blue (34%)

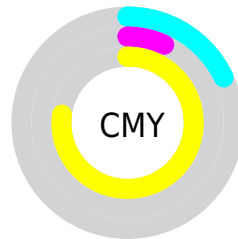


Cyan (12%)

Magenta (0%)

Yellow (76%)

Black (7%)



Cyan (18%)

Magenta (7%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1ED3A 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 D1ED3A by changing the saturation by 10% instead.

 D1ED3A

 D1ED3A

FFFFFF

 B3D10F

 FFFF76

 96B500

 FFFF93

 7A9A00

 FFFFB0

 5E8000

 FFFFCD

 416700

 FFFFEB

 244F00

 023800

 002300

 000000

 D1ED3A

 D1ED3A

 CEDED2

 D5ED52

 CAED0B

 D8ED69

 C8ED00

 DCED81

 E0ED99

 E4EDB0

 E7EDC8

 EBED E0

 EFED F8

 F2ED FF

Harmonies

Analogous

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



FFD431



D1ED3A



6BFD78

Triad

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



D1ED3A



00FFFF



FF96FA

Complementary

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



D1ED3A



563AED

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.



FFB1FF



D1ED3A



00EFFF

Square

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



D1ED3A



00FFFF



B7D4FF



FF99AA

Rectangle

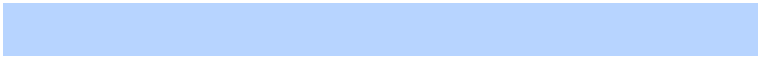
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1ED3A



00FFAB



B7D4FF



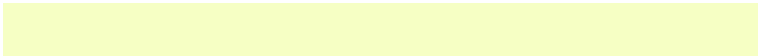
FF9DFF

Sweetspot

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



D1ED3A



F6FFC4



ED553A



7A805C



000000



808080

Same Dimension

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



D1ED3A



DBFF17



79ED3A



73756A



99B500



2D3600

Inverse Universe

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



563AED



3B17FF



AE3AED



6B6A75



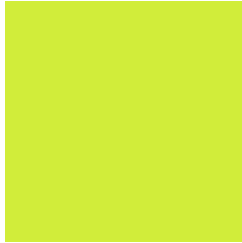
1C00B5



080036

Previews

White Background



This preview shows how the Hex color D1ED3A looks on a white background.

Color Contrast Check

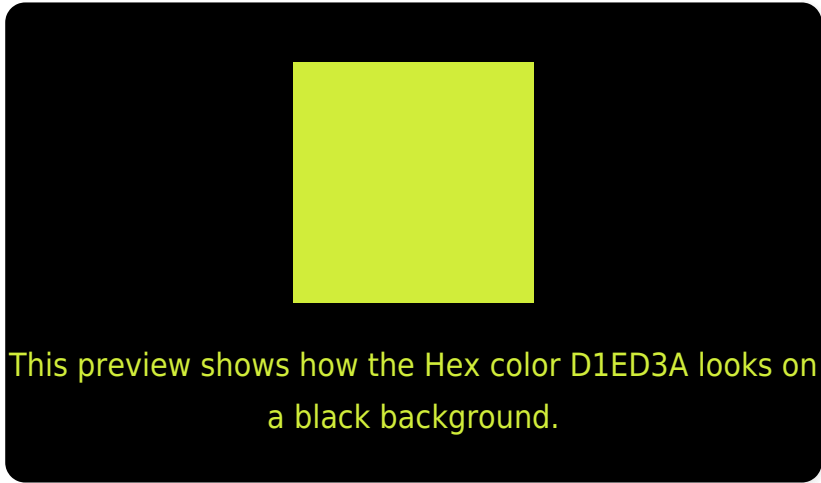
Large Text (above 18pt) WCAG AA × Fail

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 D1ED3A Background



This preview shows how black text looks on a background with the Hex color D1ED3A.

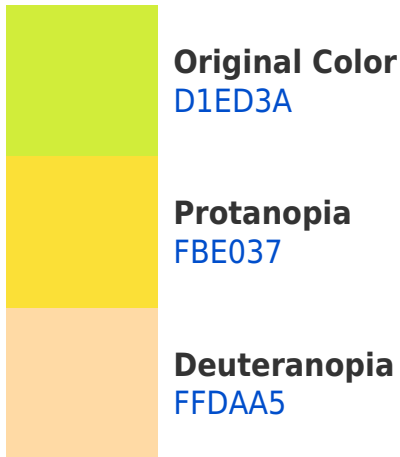


This preview shows how white text looks on a background with the Hex color D1ED3A.

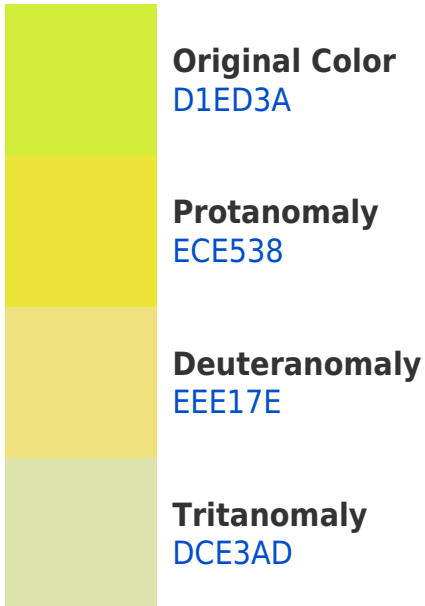
Color Blindness Simulation

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 D1ED3A 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 #D1ED3A looks like.

```
.text, #text, p{  
    color:#D1ED3A  
}
```

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 #D1ED3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1ED3A
}
```

Border

The CSS property to change the border of an element to Hex D1ED3A 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
#D1ED3A }
```

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

```
.border{ border-color:#D1ED3A }
```

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

Here you see how a box with a 4 pixel #D1ED3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1ED3A; -webkit-box-shadow:4px 4px  
4px 4px #D1ED3A; box-shadow:4px 4px 4px  
4px #D1ED3A }
```

Background

The CSS property to change the background color of an element to Hex D1ED3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1ED3A }
```

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

```
.background{ background-color:#D1ED3A }
```

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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