

Converting Colors

Hex(D4ED42)

Have a look what the booklet for
Hex(D4ED42) contains.

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Color

Hex(D4ED42)

Conversions

Conversions Part 1

Format	Color
Hex	D4ED42
RGB	212, 237, 66
RGB Percent	83%, 93%, 26%
CMY	0.1686, 0.0706, 0.7412
CMYK	0.11, 0.00, 0.72, 0.07
HSL	69°, 83%, 59%
HSV	69°, 72%, 93%
XYZ	58.4189, 74.9588, 16.5437
YIQ	210.0310, 39.9910, -58.4810

Conversions

Conversions Part 2

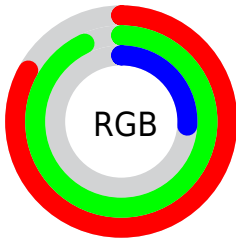
Format	Color
RYB	66, 237, 91
Decimal	13954370
CIELab	89.37, -29.08, 74.96
CIELCh	89, 80.400, 111.204
Yxy	74.9588, 0.3897, 0.5000
Android (android.graphics.Color)	4292144450 (0xFFD4ED42)
YUV	210.0310, -71.0073, 1.7268
Hunter-Lab	86.5787, -31.0700, 49.2758

Details

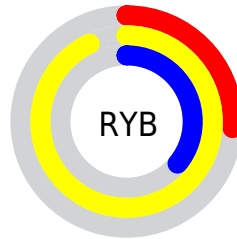
The Hex color **D4ED42** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **5B42ED**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF7D**, and **99B500** is the 20% darker color. If you saturate the color by 10%, you get **D1ED2A**, and if you desaturate by 10%, it is **D7ED5A**.

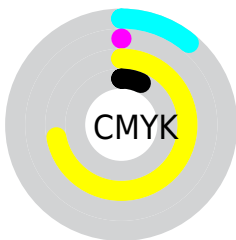
Distribution



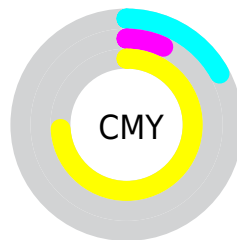
- Red (83%)
- Green (93%)
- Blue (26%)



- Red (26%)
- Yellow (93%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (72%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4ED42 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 D4ED42 by changing the saturation by 10% instead.

 D4ED42

 D4ED42

FFFFFF

 B7D11E

 FFFF7D

 99B500

 FFFF99

 7D9A00

 FFFFB6

 618000

 FFFF D3

 456700

 FFFFF1

 294F00

 093800

 002300

 000000

 D4ED42

 D4ED42

 D1ED2A

 D7ED5A

 CDED13

 DBED71

 CAED00

 DEED89

 E2EDA1

 E5EDB8

 E9EDD0

 ECEDE8

 F0EDFF

 F3EDFF

Harmonies

Analogous

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



FFD53B



D4ED42



74FC7B

Triad

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



D4ED42



00FFFF



FF9BFB

Complementary

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



D4ED42



5B42ED

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.



FFB5FF



D4ED42



00F0FF

Square

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



D4ED42



00FFFF



B8D6FF



FF9CAE

Rectangle

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



D4ED42



00FFAC



B8D6FF



FFA1FF

Sweetspot

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



D4ED42



F7FFC7



ED5942



7B805E



000000



808080

Same Dimension

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



D4ED42



DFFF21



81ED42



74756A



9BB500



2E3600

Inverse Universe

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



5B42ED



4221FF



AE42ED



6B6A75



1A00B5



080036

Previews

White Background



This preview shows how the Hex color D4ED42 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 D4ED42 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 D4ED42 Background



This preview shows how black text looks on a background with the Hex color D4ED42.

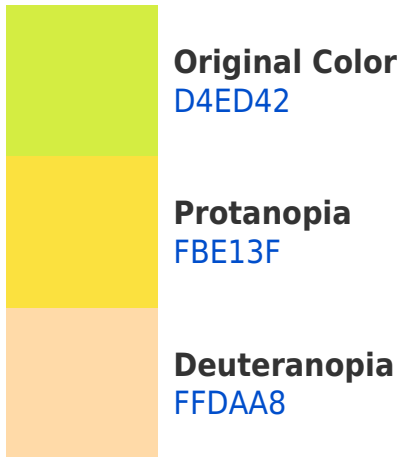


This preview shows how white text looks on a background with the Hex color D4ED42.

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](#).

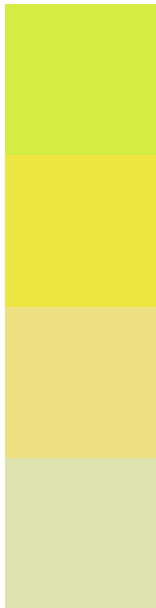
Dichromacy





Tritanopia
E5DDEF

Trichromacy



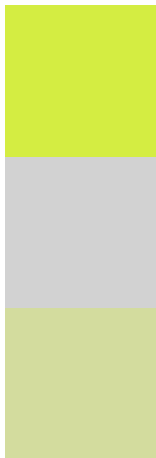
Original Color
D4ED42

Protanomaly
EDE540

Deuteranomaly
EFE183

Tritanomaly
DFE3B0

Monochromacy



Original Color
D4ED42

Achromatopsia
D2D2D2

Achromatomaly
D3DC9E

CSS Examples

Text

The CSS property to change the color of the text to Hex D4ED42 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 #D4ED42 looks like.

```
.text, #text, p{  
    color:#D4ED42  
}
```

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 #D4ED42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4ED42
}
```

Border

The CSS property to change the border of an element to Hex D4ED42 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
#D4ED42 }
```

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

```
.border{ border-color:#D4ED42 }
```

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

Here you see how a box with a 4 pixel #D4ED42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4ED42; -webkit-box-shadow:4px 4px  
4px 4px #D4ED42; box-shadow:4px 4px 4px  
4px #D4ED42 }
```

Background

The CSS property to change the background color of an element to Hex D4ED42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4ED42 }
```

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

```
.background{ background-color:#D4ED42 }
```

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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