

Converting Colors

Hex(D3ED25)

Have a look what the booklet for
Hex(D3ED25) contains.

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Color

Hex(D3ED25)

Conversions

Conversions Part 1

Format	Color
Hex	D3ED25
RGB	211, 237, 37
RGB Percent	83%, 93%, 15%
CMY	0.1725, 0.0706, 0.8549
CMYK	0.11, 0.00, 0.84, 0.07
HSL	68°, 85%, 54%
HSV	68°, 84%, 93%
XYZ	57.4821, 74.5508, 13.1104
YIQ	206.4260, 48.7040, -67.7120

Conversions

Conversions Part 2

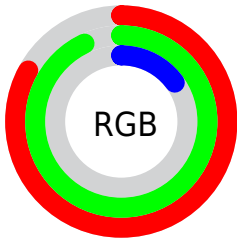
Format	Color
RYB	37, 237, 63
Decimal	13888805
CIELab	89.18, -30.54, 82.59
CIELCh	89, 88.054, 110.293
Yxy	74.5508, 0.3960, 0.5136
Android (android.graphics.Color)	4292078885 (0xFFD3ED25)
YUV	206.4260, -83.5270, 4.0114
Hunter-Lab	86.3428, -32.2649, 51.4373

Details

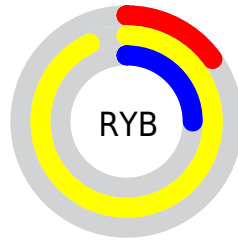
The Hex color **D3ED25** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **3F25ED**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF68**, and **98B500** is the 20% darker color. If you saturate the color by 10%, you get **D0ED0D**, and if you desaturate by 10%, it is **D6ED3D**.

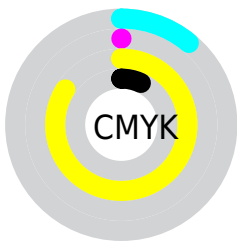
Distribution



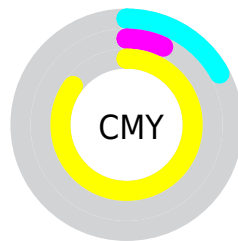
- Red (83%)
- Green (93%)
- Blue (15%)



- Red (15%)
- Yellow (93%)
- Blue (25%)



- Cyan (11%)
- Magenta (0%)
- Yellow (84%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3ED25 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 D3ED25 by changing the saturation by 10% instead.

 D3ED25

 D3ED25

FFFFFF

 B5D100

 FFFF68

 98B500

 FFFF86

 7B9A00

 FFFFA3

 5F8000

 FFFF8C

 426700

 FFFFDF

 254F00

FFFFFFD

 033800

 002300

 000000

 D3ED25

 D3ED25

 D0ED0D

 D6ED3D

 CEED00

 D9ED54

 DCED6C

 DFED84

 E2ED9C

 E5EDB3

 E9EDCB

 ECEDE3

 EFEDFA

Harmonies

Analogous

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



FFD21E



D3ED25



66FE6D

Triad

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



D3ED25



00FFFF



FF90FF

Complementary

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



D3ED25



3F25ED

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.



FFB0FF



D3ED25



00F2FF

Square

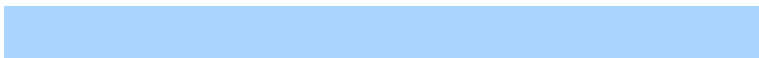
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3ED25



00FFFF



A9D5FF



FF91AB

Rectangle

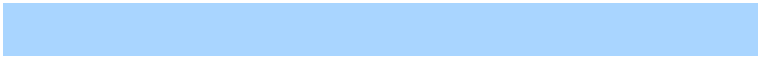
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3ED25



00FFA4



A9D5FF



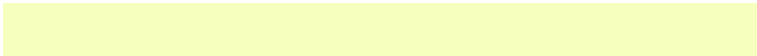
FF98FF

Sweetspot

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



D3ED25



F7FFBF



ED3C25



7B8059



000000



808080

Same Dimension

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



D3ED25



DEFF00



72ED25



74756A



9EB500



2F3600

Inverse Universe

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



3F25ED



2100FF



A025ED



6B6A75



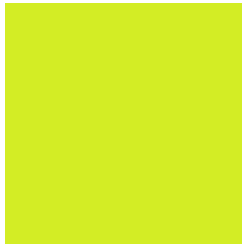
1800B5



070036

Previews

White Background



This preview shows how the Hex color D3ED25 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 D3ED25 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 D3ED25 Background



This preview shows how black text looks on a background with the Hex color D3ED25.

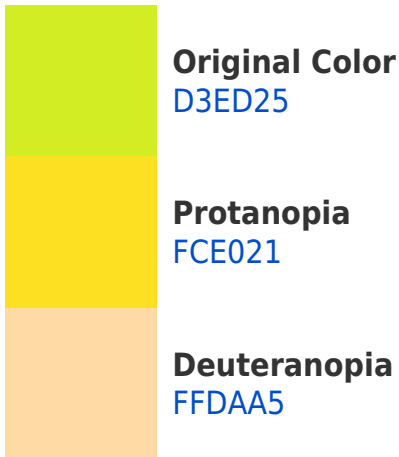


This preview shows how white text looks on a background with the Hex color D3ED25.

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](#).

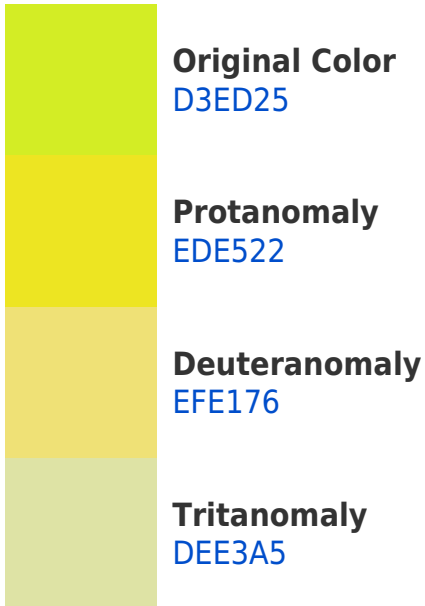
Dichromacy





Tritanopia
E4DDEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3ED25 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 #D3ED25 looks like.

```
.text, #text, p{  
    color:#D3ED25  
}
```

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 #D3ED25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3ED25
}
```

Border

The CSS property to change the border of an element to Hex D3ED25 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
#D3ED25 }
```

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

```
.border{ border-color:#D3ED25 }
```

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

Here you see how a box with a 4 pixel #D3ED25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3ED25; -webkit-box-shadow:4px 4px  
4px 4px #D3ED25; box-shadow:4px 4px 4px  
4px #D3ED25 }
```

Background

The CSS property to change the background color of an element to Hex D3ED25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3ED25 }
```

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

```
.background{ background-color:#D3ED25 }
```

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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