

Converting Colors

Hex(D2E33E)

Have a look what the booklet for
Hex(D2E33E) contains.

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Color

Hex(D2E33E)

Conversions

Conversions Part 1

Format	Color
Hex	D2E33E
RGB	210, 227, 62
RGB Percent	82%, 89%, 24%
CMY	0.1765, 0.1098, 0.7569
CMYK	0.07, 0.00, 0.73, 0.11
HSL	66°, 75%, 57%
HSV	66°, 73%, 89%
XYZ	54.9169, 68.9876, 14.9789
YIQ	203.1070, 42.8330, -54.9190

Conversions

Conversions Part 2

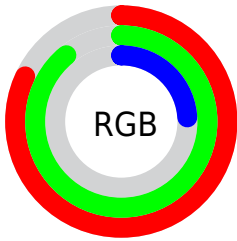
Format	Color
RYB	62, 227, 79
Decimal	13820734
CIELab	86.50, -25.35, 73.48
CIELCh	86, 77.727, 109.038
Yxy	68.9876, 0.3954, 0.4967
Android (android.graphics.Color)	4292010814 (0xFFD2E33E)
YUV	203.1070, -69.5658, 6.0452
Hunter-Lab	83.0588, -27.3320, 47.4487

Details

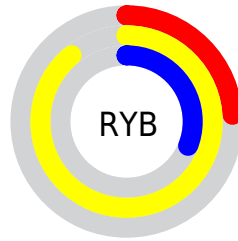
The Hex color **D2E33E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **4F3EE3**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF78**, and **98AC00** is the 20% darker color. If you saturate the color by 10%, you get **D0E327**, and if you desaturate by 10%, it is **D4E355**.

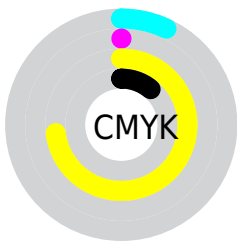
Distribution



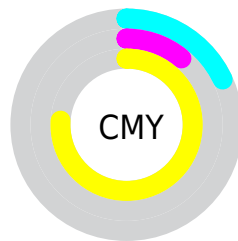
- Red (82%)
- Green (89%)
- Blue (24%)



- Red (24%)
- Yellow (89%)
- Blue (31%)



- Cyan (7%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2E33E 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 D2E33E by changing the saturation by 10% instead.

 D2E33E

 D2E33E

FFFFFF

 B5C71A

 FFFF78

 98AC00

 FFFF95

 7B9100

 FFFFB2

 5F7800

 FFFFCE

 445F00

 FFFFEC

 284700

 0B3000

 001E00

 000000

 D2E33E

 D2E33E

 D0E327

 D4E355

 CDE311

 D7E36B

 CCE300

 D9E382

 DBE399

 DEE3B0

 E0E3C6

 E2E3DD

 E5E3F4

 E7E3FF

Harmonies

Analogous

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



FFCB3C



D2E33E



79F272

Triad

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



D2E33E



00F7FF



FF97F7

Complementary

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



D2E33E



4F3EE3

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



D2E33E



00E9FF

Square

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



D2E33E



00FCFF



A7D0FF



FF96AD

Rectangle

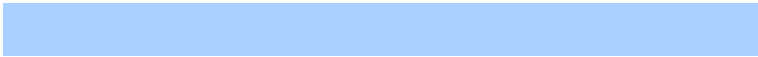
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2E33E



00F8A1



A7D0FF



FF9EFF

Sweetspot

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



D2E33E



F9FFC7



E34F3E



7C805E



000000



808080

Same Dimension

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



D2E33E



E8FF21



80E33E



727367



A0B300



2E3300

Inverse Universe

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



4F3EE3



3821FF



A13EE3



686773



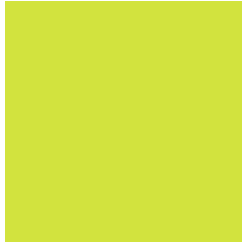
1200B3



050033

Previews

White Background



This preview shows how the Hex color D2E33E looks on a white background.

Color Contrast Check

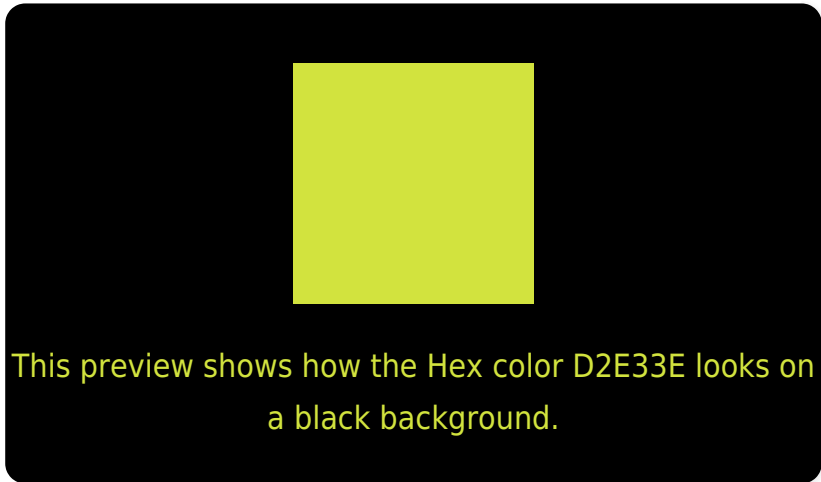
Large Text (above 18pt) WCAG AA × Fail

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 D2E33E Background



This preview shows how black text looks on a background with the Hex color D2E33E.

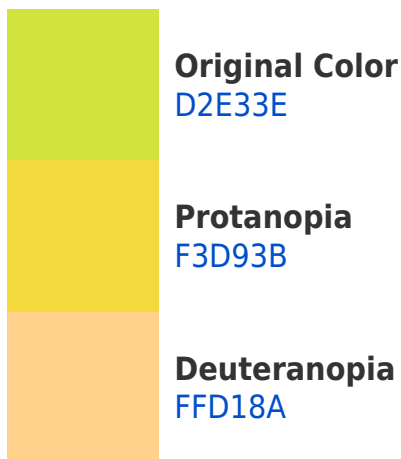


This preview shows how white text looks on a background with the Hex color D2E33E.

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](#).

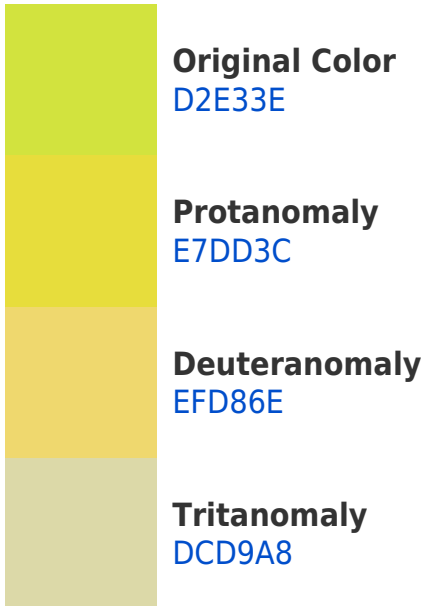
Dichromacy





Tritanopia
E2D4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2E33E 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 #D2E33E looks like.

```
.text, #text, p{  
    color:#D2E33E  
}
```

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 #D2E33E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E33E
}
```

Border

The CSS property to change the border of an element to Hex D2E33E 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
#D2E33E }
```

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

```
.border{ border-color:#D2E33E }
```

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

Here you see how a box with a 4 pixel #D2E33E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E33E; -webkit-box-shadow:4px 4px  
4px 4px #D2E33E; box-shadow:4px 4px 4px  
4px #D2E33E }
```

Background

The CSS property to change the background color of an element to Hex D2E33E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E33E }
```

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

```
.background{ background-color:#D2E33E }
```

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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