

Converting Colors

Hex(D2E33B)

Have a look what the booklet for
Hex(D2E33B) contains.

Hex(D2E33B)	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(D2E33B)

Conversions

Conversions Part 1

Format	Color
Hex	D2E33B
RGB	210, 227, 59
RGB Percent	82%, 89%, 23%
CMY	0.1765, 0.1098, 0.7686
CMYK	0.07, 0.00, 0.74, 0.11
HSL	66°, 75%, 56%
HSV	66°, 74%, 89%
XYZ	54.8368, 68.9556, 14.5572
YIQ	202.7650, 43.7960, -55.8520

Conversions

Conversions Part 2

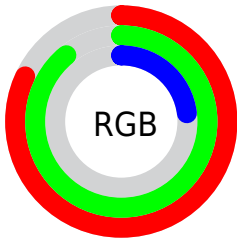
Format	Color
RYB	59, 227, 76
Decimal	13820731
CIELab	86.48, -25.49, 74.43
CIELCh	86, 78.670, 108.905
Yxy	68.9556, 0.3964, 0.4984
Android (android.graphics.Color)	4292010811 (0xFFD2E33B)
YUV	202.7650, -70.8761, 6.3451
Hunter-Lab	83.0395, -27.4430, 47.7338

Details

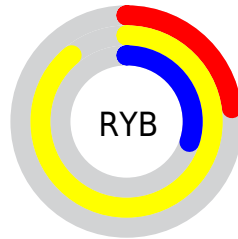
The Hex color **D2E33B** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **4C3BE3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF76**, and **98AC00** is the 20% darker color. If you saturate the color by 10%, you get **D0E324**, and if you desaturate by 10%, it is **D4E352**.

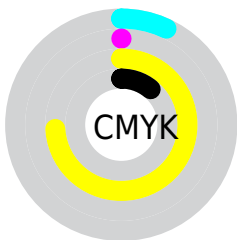
Distribution



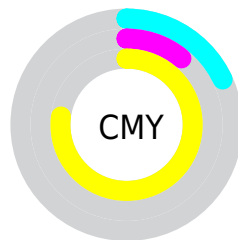
- Red (82%)
- Green (89%)
- Blue (23%)



- Red (23%)
- Yellow (89%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (74%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2E33B 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 D2E33B by changing the saturation by 10% instead.

 D2E33B

 D2E33B

FFFFFF

 B5C714

 FFFF76

 98AC00

 FFFF93

 7B9100

 FFFFAF

 5F7800

 FFFFCC

 435F00

 FFFFEA

 284700

 0B3000

 001E00

 000000

 D2E33B

 D2E33B

 D0E324

 D4E352

 CDE30E

 D7E368

 CCE300

 D9E37F

 DBE396

 DDE3AD

 E0E3C3

 E2E3DA

 E4E3F1

 E7E3FF

Harmonies

Analogous

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



FFCB39



D2E33B



77F371

Triad

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



D2E33B



00F7FF



FF96F7

Complementary

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



D2E33B



4C3BE3

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



D2E33B



00E9FF

Square

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



D2E33B



00FCFF



A5D0FF



FF95AC

Rectangle

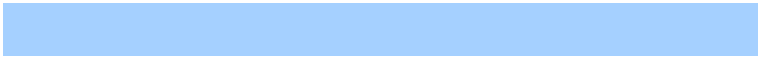
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2E33B



00F9A0



A5D0FF



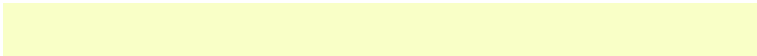
FF9DFF

Sweetspot

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



D2E33B



F9FFC7



E34C3B



7C805E



000000



808080

Same Dimension

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



D2E33B



E8FF1C



7EE33B



727367



A0B300



2E3300

Inverse Universe

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



4C3BE3



331CFF



A03BE3



686773



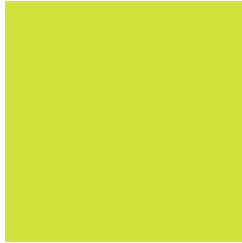
1200B3



050033

Previews

White Background



This preview shows how the Hex color D2E33B looks on a white background.

Color Contrast Check

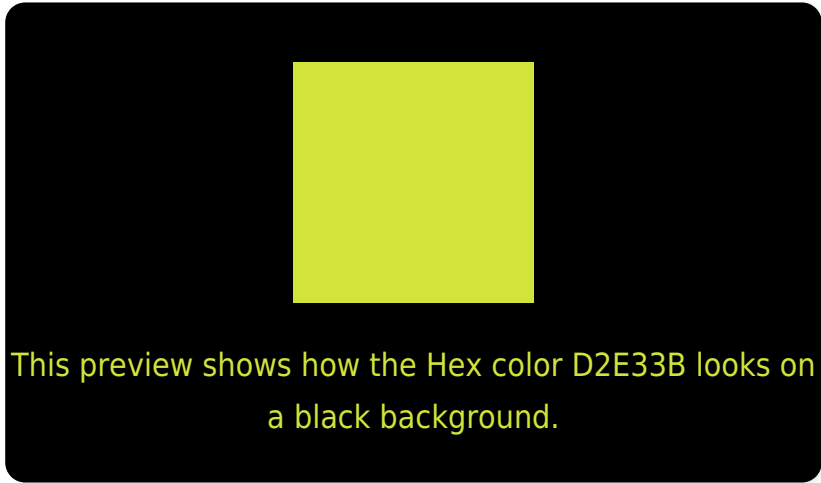
Large Text (above 18pt) WCAG AA × Fail

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 D2E33B Background



This preview shows how black text looks on a background with the Hex color D2E33B.

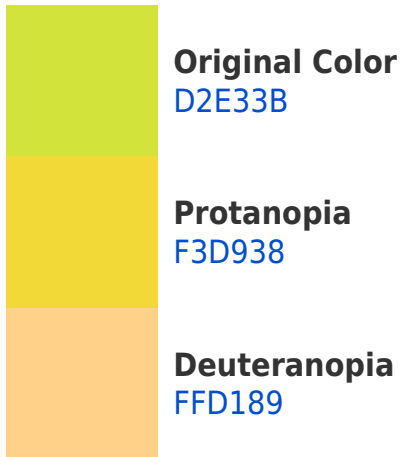


This preview shows how white text looks on a background with the Hex color D2E33B.

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](#).

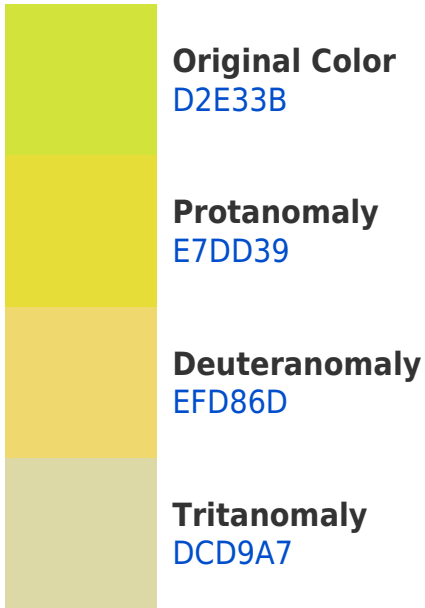
Dichromacy



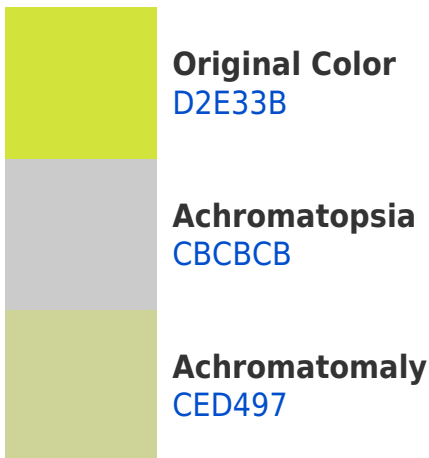


Tritanopia
E2D4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2E33B 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 #D2E33B looks like.

```
.text, #text, p{  
    color:#D2E33B  
}
```

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 #D2E33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E33B
}
```

Border

The CSS property to change the border of an element to Hex D2E33B 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
#D2E33B }
```

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

```
.border{ border-color:#D2E33B }
```

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

Here you see how a box with a 4 pixel #D2E33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E33B; -webkit-box-shadow:4px 4px  
4px 4px #D2E33B; box-shadow:4px 4px 4px  
4px #D2E33B }
```

Background

The CSS property to change the background color of an element to Hex D2E33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E33B }
```

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

```
.background{ background-color:#D2E33B }
```

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