

Converting Colors

Hex(D3E232)

Have a look what the booklet for
Hex(D3E232) contains.

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Color

Hex(D3E232)

Conversions

Conversions Part 1

Format	Color
Hex	D3E232
RGB	211, 226, 50
RGB Percent	83%, 89%, 20%
CMY	0.1725, 0.1137, 0.8039
CMYK	0.07, 0.00, 0.78, 0.11
HSL	65°, 75%, 54%
HSV	65°, 78%, 89%
XYZ	54.6360, 68.4719, 13.3544
YIQ	201.4510, 47.5560, -57.9160

Conversions

Conversions Part 2

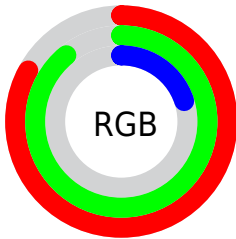
Format	Color
RYB	50, 226, 65
Decimal	13886002
CIELab	86.24, -24.96, 76.91
CIELCh	86, 80.860, 107.982
Yxy	68.4719, 0.4004, 0.5018
Android (android.graphics.Color)	4292076082 (0xFFD3E232)
YUV	201.4510, -74.6653, 8.3745
Hunter-Lab	82.7477, -26.9499, 48.3548

Details

The Hex color **D3E232** 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 **4132E2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF6F**, and **98AB00** is the 20% darker color. If you saturate the color by 10%, you get **D1E21B**, and if you desaturate by 10%, it is **D5E249**.

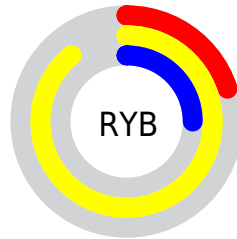
Distribution



Red (83%)

Green (89%)

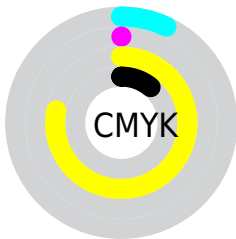
Blue (20%)



Red (20%)

Yellow (89%)

Blue (25%)

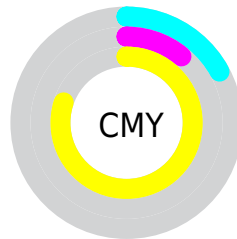


Cyan (7%)

Magenta (0%)

Yellow (78%)

Black (11%)



Cyan (17%)

Magenta (11%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3E232 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 D3E232 by changing the saturation by 10% instead.

 D3E232

 D3E232

FFFFFF

 B5C600

 FFFF6F

 98AB00

 FFFF8C

 7C9000

 FFFFA9

 607700

 FFFF6C

 445E00

 FFFF63

 284600

 0C3000

 001D00

 000000

 D3E232

 D3E232

 D1E21B

 D5E249

 CFE205

 D7E25F

 CFE200

 D9E276

 DBE28C

 DDE2A3

 DFE2BA

 E0E2D0

 E2E2E7

 E4E2FD

Harmonies

Analogous

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



FFC933



D3E232



76F26B

Triad

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



D3E232



00F7FF



FF93FA

Complementary

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



D3E232



4132E2

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.



FFAFFF



D3E232



00E9FF

Square

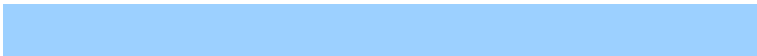
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3E232



00FCFF



9CD0FF



FF91AD

Rectangle

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



D3E232



00F89B



9CD0FF



FF9AFF

Sweetspot

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



D3E232



FAFFC4



E24132



7C805C



000000



808080

Same Dimension

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



D3E232



EBFF12



7BE232



6F7065



A1B000



2C3000

Inverse Universe

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



4132E2



2612FF



9932E2



666570



0F00B0



040030

Previews

White Background



This preview shows how the Hex color D3E232 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 D3E232 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 D3E232 Background



This preview shows how black text looks on a background with the Hex color D3E232.

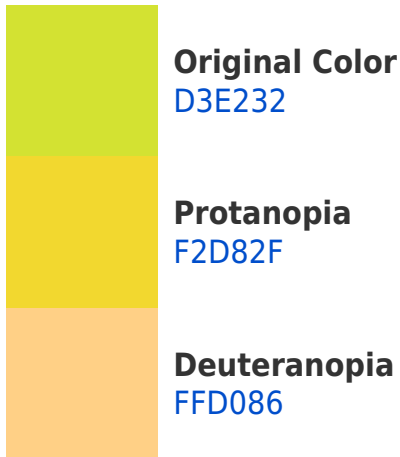


This preview shows how white text looks on a background with the Hex color D3E232.

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](#).

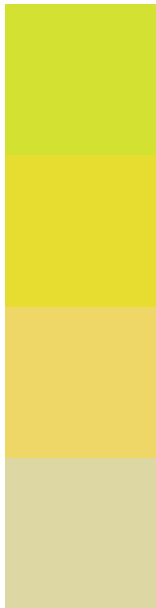
Dichromacy





Tritanopia
E3D3E3

Trichromacy



Original Color
D3E232

Protanomaly
E7DC30

Deuteranomaly
EFD767

Tritanomaly
DDD8A3

Monochromacy



Original Color
D3E232

Achromatopsia
C9C9C9

Achromatomaly
CDD292

CSS Examples

Text

The CSS property to change the color of the text to Hex D3E232 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 #D3E232 looks like.

```
.text, #text, p{  
    color:#D3E232  
}
```

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 #D3E232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E232
}
```

Border

The CSS property to change the border of an element to Hex D3E232 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
#D3E232 }
```

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

```
.border{ border-color:#D3E232 }
```

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

Here you see how a box with a 4 pixel #D3E232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E232; -webkit-box-shadow:4px 4px  
4px 4px #D3E232; box-shadow:4px 4px 4px  
4px #D3E232 }
```

Background

The CSS property to change the background color of an element to Hex D3E232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E232 }
```

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

```
.background{ background-color:#D3E232 }
```

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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