

# Converting Colors

Hex(D3E735)

Have a look what the booklet for  
Hex(D3E735) contains.

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**Color**

**Hex(D3E735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E735
RGB	211, 231, 53
RGB Percent	83%, 91%, 21%
CMY	0.1725, 0.0941, 0.7922
CMYK	0.09, 0.00, 0.77, 0.09
HSL	67°, 79%, 56%
HSV	67°, 77%, 91%
XYZ	56.0825, 71.2578, 14.1664
YIQ	204.7280, 45.2180, -59.5980

# Conversions

## Conversions Part 2

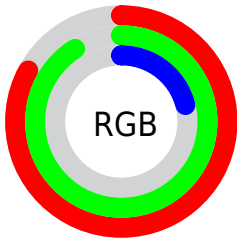
Format	Color
<b>RYB</b>	53, 231, 73
Decimal	13887285
CIELab	87.61, -27.22, 77.29
CIELCh	88, 81.948, 109.402
Yxy	71.2578, 0.3963, 0.5036
Android (android.graphics.Color)	4292077365 (0xFFD3E735)
YUV	204.7280, -74.8019, 5.5005
Hunter-Lab	84.4143, -29.1347, 49.1400

# Details

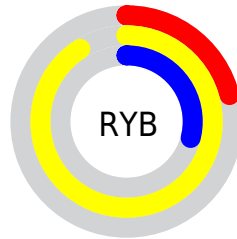
The Hex color **D3E735** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **4935E7**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF72**, and **98B000** is the 20% darker color. If you saturate the color by 10%, you get **D0E71E**, and if you desaturate by 10%, it is **D6E74C**.

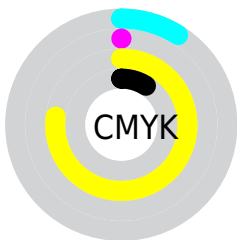
# Distribution



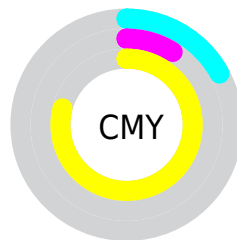
- Red (83%)
- Green (91%)
- Blue (21%)



- Red (21%)
- Yellow (91%)
- Blue (29%)



- Cyan (9%)
- Magenta (0%)
- Yellow (77%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3E735 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 D3E735 by changing the saturation by 10% instead.



 D3E735

 D3E735

FFFFFF

 B5CB03

 FFFF72

 98B000

 FFFF8F

 7C9500

 FFFFAC

 607B00

 FFFFC9

 446200

 FFFFEE

 274A00

 093300

 002000

 000000

 D3E735

 D3E735

 D0E71E

 D6E74C

 CEE707

 D8E763

 CDE700

 DBE77A

 DDE791

 E0E7A9

 E3E7C0

 E5E7D7

 E8E7EE

 EAE7FF

# Harmonies

## Analogous

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



FFCE32



D3E735



73F770

# Triad

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



D3E735



00FBFF



FF95FB

# Complementary

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



D3E735



4935E7

# 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



D3E735



00EDFF

# Square

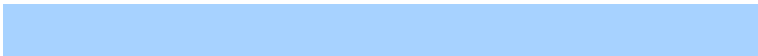
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3E735



00FFFF



A7D2FF



FF94AC

# Rectangle

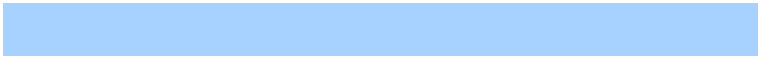
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3E735



00FDA2



A7D2FF



FF9CFF

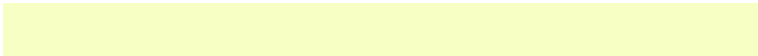


# Sweetspot

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



D3E735



F8FFC4



E74735



7B805C



000000



808080



# Same Dimension

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



D3E735



E5FF14



7CE735



717367



9EB300



2D3300



# Inverse Universe

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



4935E7



2F14FF



A035E7



696773



1400B3



060033



# Previews

## White Background



This preview shows how the Hex color D3E735 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 D3E735 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 D3E735 Background



This preview shows how black text looks on a background with the Hex color D3E735.

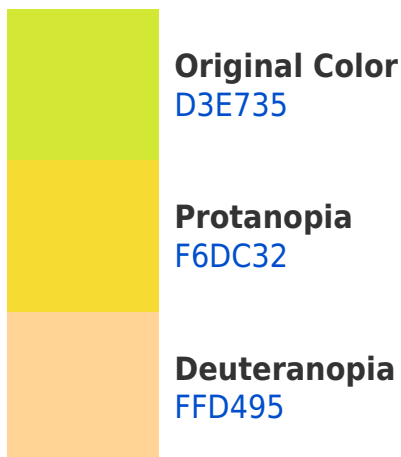


This preview shows how white text looks on a background with the Hex color D3E735.

# 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](#).

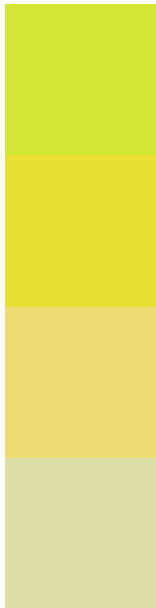
## Dichromacy





**Tritanopia**  
E3D7E8

# Trichromacy



**Original Color**  
D3E735

**Protanomaly**  
E9E033

**Deuteranomaly**  
EFDB72

**Tritanomaly**  
DDDDA7

# Monochromacy



**Original Color**  
D3E735

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CFD696

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3E735 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 #D3E735 looks like.

```
.text, #text, p{  
    color:#D3E735  
}
```

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 #D3E735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E735
}
```

## Border

The CSS property to change the border of an element to Hex D3E735 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
#D3E735 }
```

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

```
.border{ border-color:#D3E735 }
```

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

Here you see how a box with a 4 pixel #D3E735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E735; -webkit-box-shadow:4px 4px  
4px 4px #D3E735; box-shadow:4px 4px 4px  
4px #D3E735 }
```

# Background

The CSS property to change the background color of an element to Hex D3E735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E735 }
```

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

```
.background{ background-color:#D3E735 }
```

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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