

# Converting Colors

Hex(D3DE71)

Have a look what the booklet for  
Hex(D3DE71) contains.

<b>Hex(D3DE71)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D3DE71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3DE71
RGB	211, 222, 113
RGB Percent	83%, 87%, 44%
CMY	0.1725, 0.1294, 0.5569
CMYK	0.05, 0.00, 0.49, 0.13
HSL	66°, 62%, 66%
HSV	66°, 49%, 87%
XYZ	55.9659, 67.2837, 25.6601
YIQ	206.2850, 28.4330, -36.2310

# Conversions

## Conversions Part 2

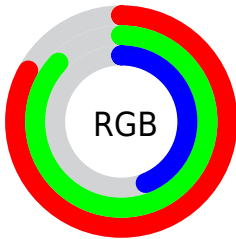
Format	Color
<a href="#">RYB</a>	<a href="#">113, 222, 124</a>
Decimal	<a href="#">13885041</a>
CIELab	<a href="#">85.65, -19.05, 51.72</a>
CIELCh	<a href="#">86, 55.114, 110.224</a>
Yxy	<a href="#">67.2837, 0.3758, 0.4518</a>
Android (android.graphics.Color)	<a href="#">4292075121 (0xFFD3DE71)</a>
YUV	<a href="#">206.2850, -45.9895, 4.1351</a>
Hunter-Lab	<a href="#">82.0266, -21.7580, 38.8712</a>

# Details

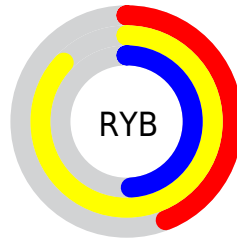
The Hex color **D3DE71** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7C71DE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFA7**, and **9AA73D** is the 20% darker color. If you saturate the color by 10%, you get **D1DE5B**, and if you desaturate by 10%, it is **D5DE87**.

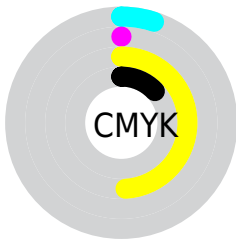
# Distribution



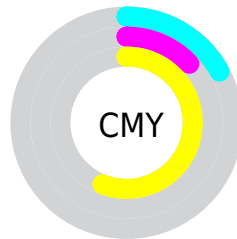
- Red (83%)
- Green (87%)
- Blue (44%)



- Red (44%)
- Yellow (87%)
- Blue (49%)



- Cyan (5%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3DE71 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 D3DE71 by changing the saturation by 10% instead.



 D3DE71

 D3DE71

FFFFFF

 B6C257

 FFFFA7

 9AA73D

 FFFFC3

 7F8D21

 FFFFEO

 647300

FFFFFFD

 4A5B00

 314300

 172D00

 001A00

 000000

 D3DE71

 D3DE71

 D1DE5B

 D5DE87

 CFDE45

 D7DE9D

 CCDE2E

 DADEB4

 CADE18

 DCDECA

 C8DE02

 DEDEE0

 C8DE00

 E0DEF6

 E3DEFF

 E5DEFF

 E7DEFF

# Harmonies

## Analogous

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



FFCD6E



D3DE71



96EA91

# Triad

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



D3DE71



00ECFF



FFADE9

# Complementary

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



D3DE71



7C71DE

# 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.



FFBBFF



D3DE71



53E1FF

# Square

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



D3DE71



00F1F8



C0CFF8



FFADB5

# Rectangle

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



D3DE71



63EFB1



C0CFFF



FFB0FB



# Sweetspot

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



D3DE71



FBFFD9



DE7C71



7D8069



000000



808080



# Same Dimension

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



D3DE71



F0FF69



9DDE71



6F7065



9EB000



2C3000



# Inverse Universe

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



7C71DE



7869FF



B271DE



666570



1200B0



050030



# Previews

## White Background



This preview shows how the Hex color D3DE71 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 D3DE71 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 D3DE71 Background



This preview shows how black text looks on a background with the Hex color D3DE71.

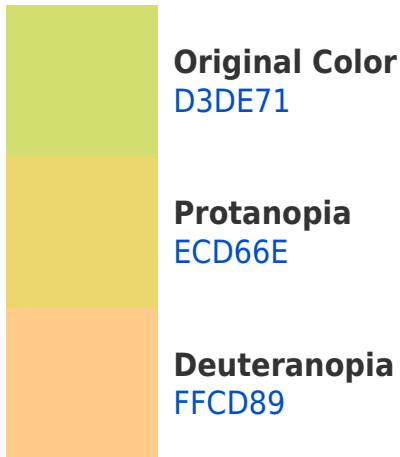


This preview shows how white text looks on a background with the Hex color D3DE71.

# 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](#).

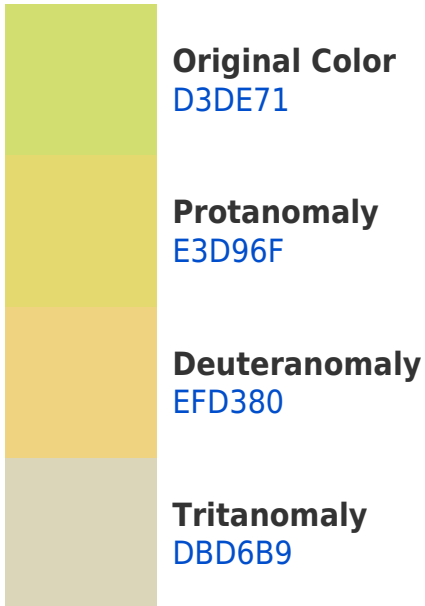
## Dichromacy



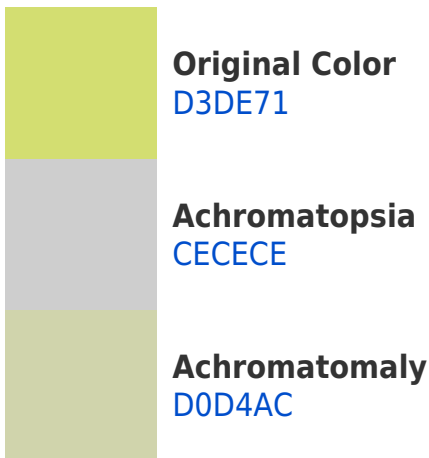


**Tritanopia**  
E0D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3DE71 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 #D3DE71 looks like.

```
.text, #text, p{  
    color:#D3DE71  
}
```

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 #D3DE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3DE71
}
```

## Border

The CSS property to change the border of an element to Hex D3DE71 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
#D3DE71 }
```

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

```
.border{ border-color:#D3DE71 }
```

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

Here you see how a box with a 4 pixel #D3DE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3DE71; -webkit-box-shadow:4px 4px  
4px 4px #D3DE71; box-shadow:4px 4px 4px  
4px #D3DE71 }
```

# Background

The CSS property to change the background color of an element to Hex D3DE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3DE71 }
```

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

```
.background{ background-color:#D3DE71 }
```

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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