

# Converting Colors

Hex(D3D33A)

Have a look what the booklet for  
Hex(D3D33A) contains.

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**Color**

**Hex(D3D33A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D33A
RGB	211, 211, 58
RGB Percent	83%, 83%, 23%
CMY	0.1725, 0.1725, 0.7725
CMYK	0.00, 0.00, 0.73, 0.17
HSL	60°, 63%, 53%
HSV	60°, 73%, 83%
XYZ	50.9220, 60.7429, 13.0437
YIQ	193.5580, 49.1130, -47.5830

# Conversions

## Conversions Part 2

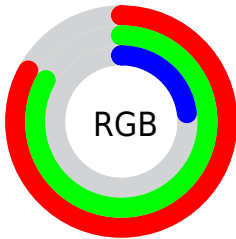
Format	Color
<a href="#">RYB</a>	58, 211, 58
Decimal	13882170
CIELab	82.24, -17.36, 70.79
CIELCh	82, 72.884, 103.777
Yxy	60.7429, 0.4083, 0.4871
Android (android.graphics.Color)	4292072250 (0xFFD3D33A)
YUV	193.5580, -66.8301, 15.2966
Hunter-Lab	77.9377, -19.7650, 44.6336

# Details

The Hex color **D3D33A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3A3AD3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF74**, and **999D00** is the 20% darker color. If you saturate the color by 10%, you get **D3D325**, and if you desaturate by 10%, it is **D3D34F**.

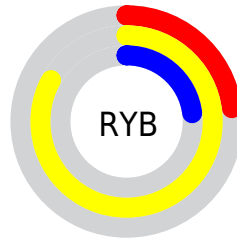
# Distribution



Red (83%)

Green (83%)

Blue (23%)



Red (23%)

Yellow (83%)

Blue (23%)

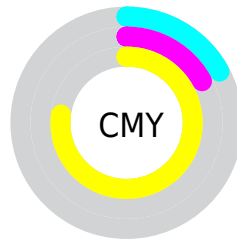


Cyan (0%)

Magenta (0%)

Yellow (73%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3D33A 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 D3D33A by changing the saturation by 10% instead.



 D3D33A

 D3D33A

FFFFFF

 B6B716

 FFFF74

 999D00

 FFFF90

 7C8300

 FFFFAC

 616A00


 FFFFC9

 455200

 FFFFEE

 2B3B00

 122500

 000F00

 000000

 D3D33A

 D3D33A

 D3D325

 D3D34F

 D3D310

 D3D364

 D3D300

 D3D379

 D3D38E

 D3D3A3

 D3D3B9

 D3D3CE

 D3D3E3

 D3D3F8

# Harmonies

## Analogous

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



FFBC42



D3D33A



86E364

# Triad

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



D3D33A



00EAF5



FF93F5

# Complementary

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



D3D33A



3A3AD3

# 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.



F9ADFF



D3D33A



00DFFF

# Square

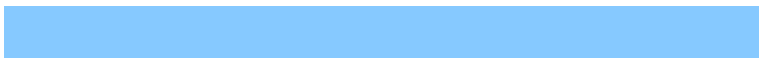
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3D33A



00EEEE



86C9FF



FF8EB0

# Rectangle

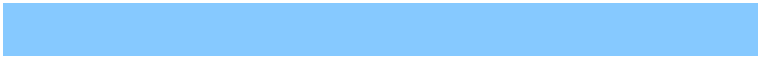
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3D33A



29E98D



86C9FF



FF9AFF



# Sweetspot

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



D3D33A



FFFFC7



D33A3A



80805E



000000



808080



# Same Dimension

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



D3D33A



FFFF21



86D33A



69695E



A8A800



292900



# Inverse Universe

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



3A3AD3



2121FF



863AD3



5E5E69



0000A8



000029



# Previews

## White Background



This preview shows how the Hex color D3D33A looks on a white background.

## Color Contrast Check

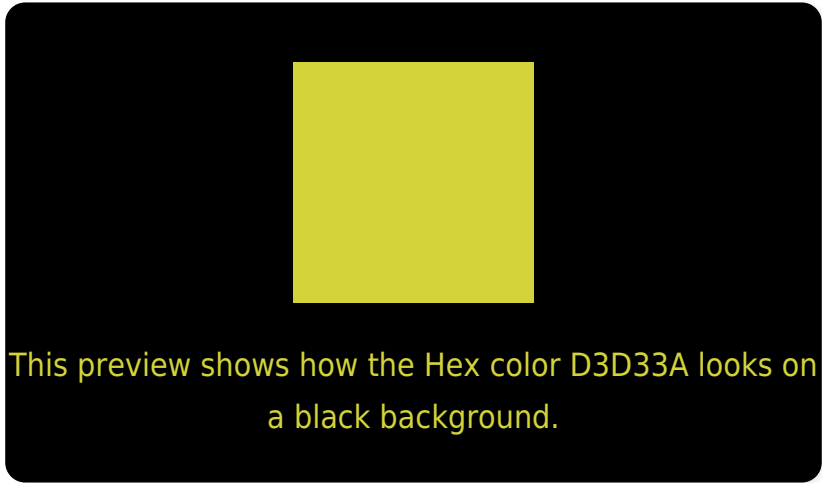
Large Text (above 18pt) WCAG AA × Fail

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 D3D33A Background



This preview shows how black text looks on a background with the Hex color D3D33A.



This preview shows how white text looks on a background with the Hex color D3D33A.

# 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



**Original Color**  
D3D33A

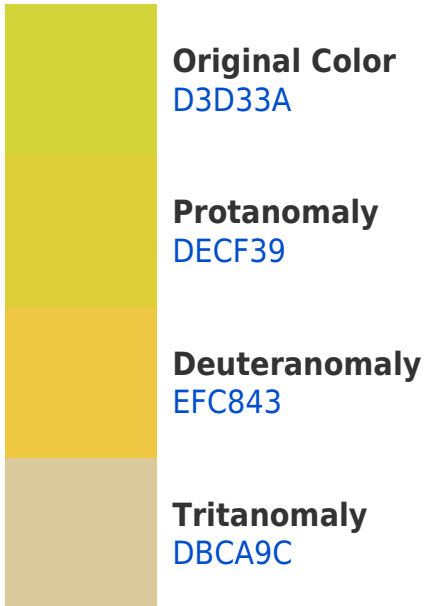
**Protanopia**  
E5CD38

**Deuteranopia**  
FFC248

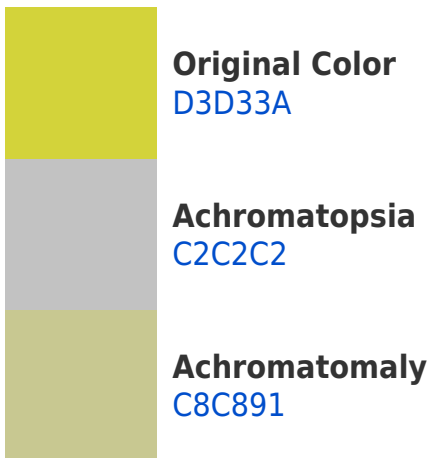


**Tritanopia**  
E0C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3D33A 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 #D3D33A looks like.

```
.text, #text, p{  
    color:#D3D33A  
}
```

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 #D3D33A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3D33A
}
```

## Border

The CSS property to change the border of an element to Hex D3D33A 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
#D3D33A }
```

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

```
.border{ border-color:#D3D33A }
```

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

Here you see how a box with a 4 pixel #D3D33A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3D33A; -webkit-box-shadow:4px 4px  
4px 4px #D3D33A; box-shadow:4px 4px 4px  
4px #D3D33A }
```

# Background

The CSS property to change the background color of an element to Hex D3D33A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3D33A }
```

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

```
.background{ background-color:#D3D33A }
```

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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