

# Converting Colors

Hex(D3D446)

Have a look what the booklet for  
Hex(D3D446) contains.

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**Color**

**Hex(D3D446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D446
RGB	211, 212, 70
RGB Percent	83%, 83%, 27%
CMY	0.1725, 0.1686, 0.7255
CMYK	0.00, 0.00, 0.67, 0.17
HSL	60°, 62%, 55%
HSV	60°, 67%, 83%
XYZ	51.5129, 61.3780, 14.9265
YIQ	195.5130, 44.9860, -44.3740

# Conversions

## Conversions Part 2

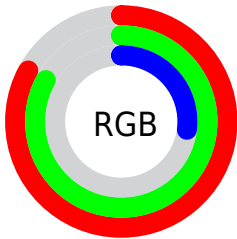
Format	Color
<a href="#">RYB</a>	<a href="#">70, 212, 71</a>
Decimal	<a href="#">13882438</a>
CIELab	<a href="#">82.58, -17.26, 66.84</a>
CIELCh	<a href="#">83, 69.037, 104.480</a>
Yxy	<a href="#">61.3780, 0.4030, 0.4802</a>
Android (android.graphics.Color)	<a href="#">4292072518 (0xFFD3D446)</a>
YUV	<a href="#">195.5130, -61.8779, 13.5821</a>
Hunter-Lab	<a href="#">78.3441, -19.7347, 43.5447</a>

# Details

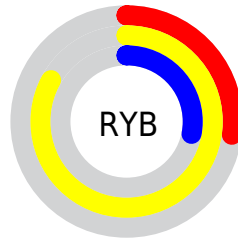
The Hex color **D3D446** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4746D4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF7E**, and **999E00** is the 20% darker color. If you saturate the color by 10%, you get **D3D431**, and if you desaturate by 10%, it is **D3D45B**.

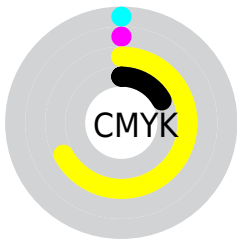
# Distribution



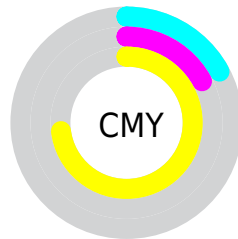
- Red (83%)
- Green (83%)
- Blue (27%)



- Red (27%)
- Yellow (83%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (67%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3D446 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 D3D446 by changing the saturation by 10% instead.



 D3D446

 D3D446

FFFFFF

 B6B828


 FFFF7E

 999E00

 FFFF9A

 7D8400

 FFFFB6

 616B00

 FFFF D3

 465300

 FFFFF0

 2C3C00

 132600

 001000

 000000

 D3D446

 D3D446

 D3D431

 D3D45B

 D3D41C

 D3D470

 D3D406

 D3D486

 D3D400

 D4D49B

 D4D4B0

 D4D4C5

 D4D4DA

 D4D4F0

 D4D4FF

# Harmonies

## Analogous

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



FFBE4B



D3D446



8AE36C

# Triad

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



D3D446



00EAF2



FF98F2

# Complementary

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



D3D446



4746D4

# 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.



FAAFFF



D3D446



00DEFF

# Square

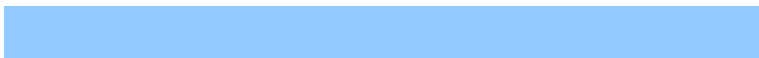
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3D446



00EDEC



92CAFF



FF94B1

# Rectangle

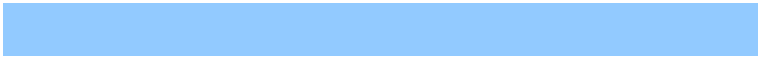
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3D446



3BE993



92CAFF



FF9EFF



# Sweetspot

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



D3D446



FFFFCC



D44646



7F8061



000000



808080



# Same Dimension

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



D3D446



FEFF33



8DD446



6B6B60



AAAB00



2B2B00



# Inverse Universe

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



4746D4



3433FF



8D46D4



60606B



0100AB



00002B



# Previews

## White Background



This preview shows how the Hex color D3D446 looks on a white background.

## Color Contrast Check

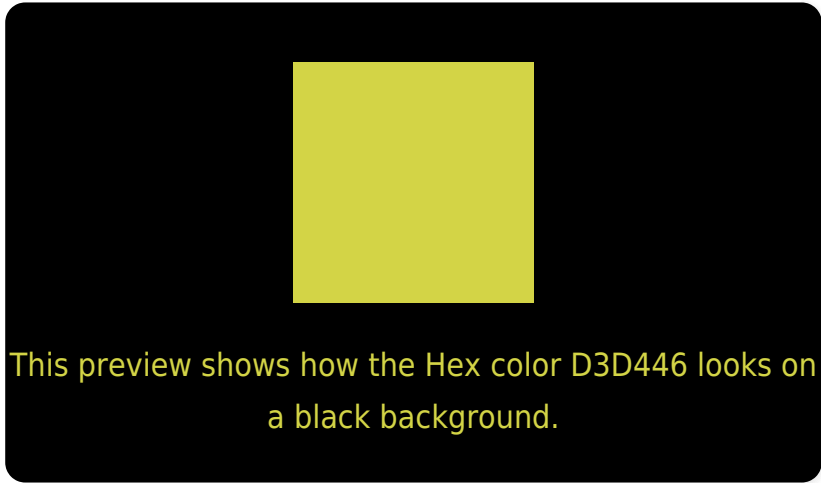
Large Text (above 18pt) WCAG AA × Fail

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 D3D446 Background



This preview shows how black text looks on a background with the Hex color D3D446.

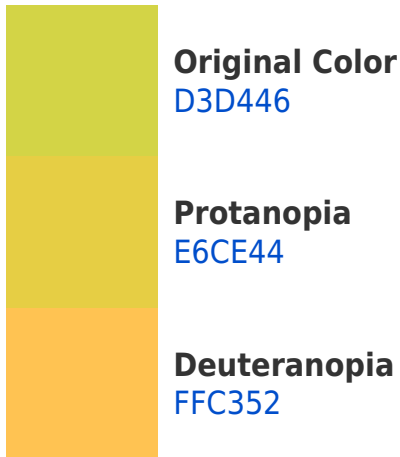


This preview shows how white text looks on a background with the Hex color D3D446.

# 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](#).

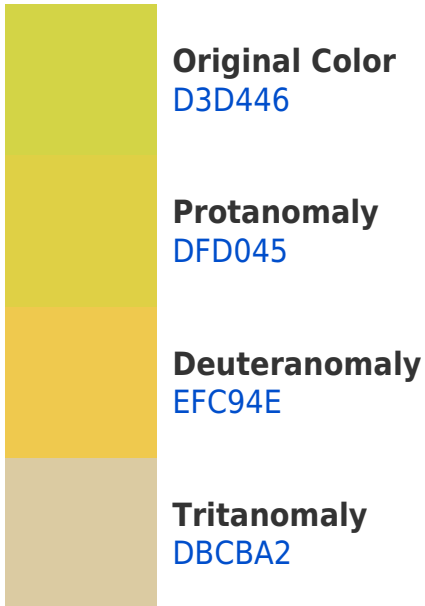
## Dichromacy



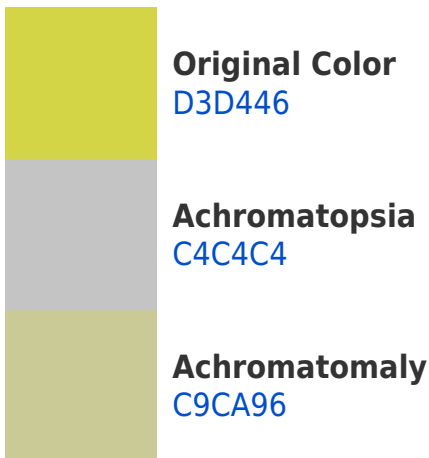


**Tritanopia**  
E0C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3D446 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 #D3D446 looks like.

```
.text, #text, p{  
    color:#D3D446  
}
```

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 #D3D446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3D446
}
```

## Border

The CSS property to change the border of an element to Hex D3D446 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
#D3D446 }
```

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

```
.border{ border-color:#D3D446 }
```

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

Here you see how a box with a 4 pixel #D3D446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3D446; -webkit-box-shadow:4px 4px  
4px 4px #D3D446; box-shadow:4px 4px 4px  
4px #D3D446 }
```

# Background

The CSS property to change the background color of an element to Hex D3D446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3D446 }
```

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

```
.background{ background-color:#D3D446 }
```

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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