

# Converting Colors

Hex(D3C73D)

Have a look what the booklet for  
Hex(D3C73D) contains.

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**Color**

**Hex(D3C73D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3C73D
RGB	211, 199, 61
RGB Percent	83%, 78%, 24%
CMY	0.1725, 0.2196, 0.7608
CMYK	0.00, 0.06, 0.71, 0.17
HSL	55°, 63%, 53%
HSV	55°, 71%, 83%
XYZ	48.1297, 55.0327, 12.5005
YIQ	186.8560, 51.4500, -40.3740

# Conversions

## Conversions Part 2

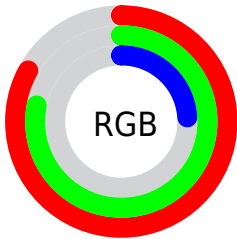
Format	Color
<a href="#">RYB</a>	<a href="#">74, 211, 61</a>
Decimal	<a href="#">13879101</a>
CIELab	<a href="#">79.06, -11.21, 66.69</a>
CIELCh	<a href="#">79, 67.628, 99.542</a>
Yxy	<a href="#">55.0327, 0.4161, 0.4758</a>
Android (android.graphics.Color)	<a href="#">4292069181 (0xFFD3C73D)</a>
YUV	<a href="#">186.8560, -62.0470, 21.1743</a>
Hunter-Lab	<a href="#">74.1840, -14.0133, 41.9380</a>

# Details

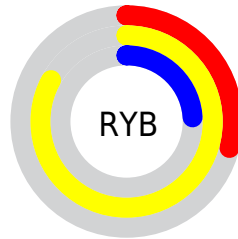
The Hex color **D3C73D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3D49D3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFF75**, and **999100** is the 20% darker color. If you saturate the color by 10%, you get **D3C528**, and if you desaturate by 10%, it is **D3C952**.

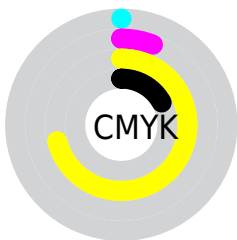
# Distribution



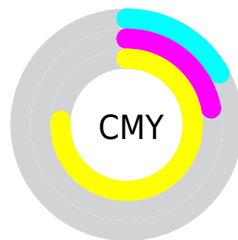
- Red (83%)
- Green (78%)
- Blue (24%)



- Red (29%)
- Yellow (83%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (71%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3C73D 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 D3C73D by changing the saturation by 10% instead.



 D3C73D

 D3C73D

FFFFFF

 B6AC1D

 FFFF75

 999100

 FFFF91

 7C7800

 FFFFAD

 615F00

 FFFFC9

 464800

 FFFF E6

 2C3200

 131D00

 000000

 D3C73D

 D3C73D

 D3C528

 D3C952

 D3C413

 D3CA67

 D3C200

 D3CC7C

 D3CE91

 D3CFA7

 D3D1BC

 D3D3D1

 D3D5E6

 D3D6FB

# Harmonies

## Analogous

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



FFB14A



D3C73D



8FD75D

# Triad

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



D3C73D



00E0FF



FF92F1

# Complementary

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



D3C73D



3D49D3

# 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.



E2ABFF



D3C73D



00D6FF

# Square

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



D3C73D



00E3D7



6FC4FF



FF8AB2

# Rectangle

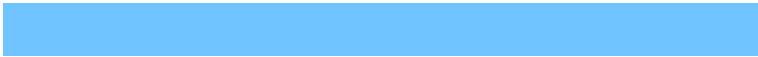
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3C73D



4EDD81



6FC4FF



FF9AFF



# Sweetspot

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



D3C73D



FFFBC9



D33D4A



807D60



000000



808080



# Same Dimension

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



D3C73D



FFEE26



95D33D



69685E



A89B00



292600



# Inverse Universe

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



3D49D3



2638FF



7C3DD3



5E5F69



000DA8



000329



# Previews

## White Background



This preview shows how the Hex color D3C73D looks on a white background.

## Color Contrast Check

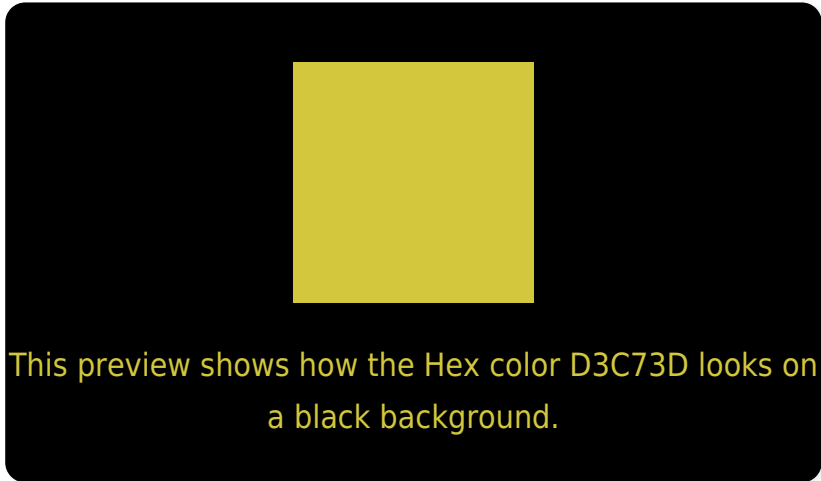
Large Text (above 18pt) WCAG AA × Fail

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 D3C73D Background



This preview shows how black text looks on a background with the Hex color D3C73D.



This preview shows how white text looks on a background with the Hex color D3C73D.

# 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



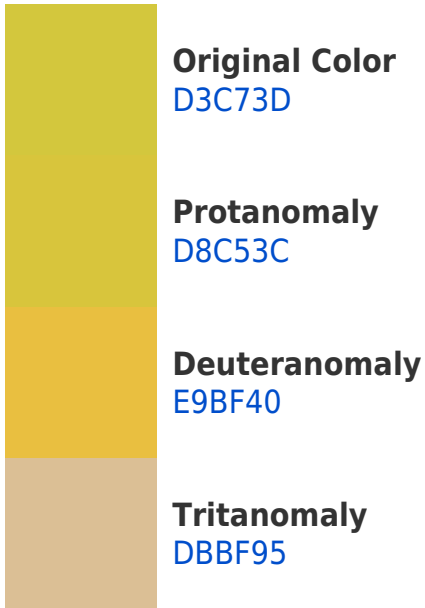
**Original Color**  
D3C73D

**Protanopia**  
DBC43C

**Deuteranopia**  
F5BA42



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3C73D 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 #D3C73D looks like.

```
.text, #text, p{  
    color:#D3C73D  
}
```

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 #D3C73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3C73D
}
```

## Border

The CSS property to change the border of an element to Hex D3C73D 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
#D3C73D }
```

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

```
.border{ border-color:#D3C73D }
```

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

Here you see how a box with a 4 pixel #D3C73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3C73D; -webkit-box-shadow:4px 4px  
4px 4px #D3C73D; box-shadow:4px 4px 4px  
4px #D3C73D }
```

# Background

The CSS property to change the background color of an element to Hex D3C73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3C73D }
```

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

```
.background{ background-color:#D3C73D }
```

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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