

# Converting Colors

Hex(C3D363)

Have a look what the booklet for  
Hex(C3D363) contains.

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**Color**

**Hex(C3D363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D363
RGB	195, 211, 99
RGB Percent	76%, 83%, 39%
CMY	0.2353, 0.1725, 0.6118
CMYK	0.08, 0.00, 0.53, 0.17
HSL	69°, 56%, 61%
HSV	69°, 53%, 83%
XYZ	48.0521, 59.0915, 20.6776
YIQ	193.4480, 26.4160, -38.2240

# Conversions

## Conversions Part 2

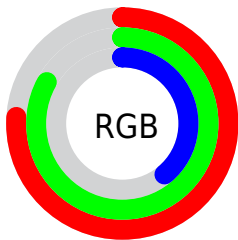
Format	Color
<a href="#">RYB</a>	<a href="#">99, 211, 115</a>
Decimal	<a href="#">12833635</a>
CIELab	<a href="#">81.34, -21.26, 52.87</a>
CIELCh	<a href="#">81, 56.986, 111.906</a>
Yxy	<a href="#">59.0915, 0.3759, 0.4623</a>
Android (android.graphics.Color)	<a href="#">4291023715 (0xFFC3D363)</a>
YUV	<a href="#">193.4480, -46.5629, 1.3611</a>
Hunter-Lab	<a href="#">76.8710, -22.9438, 37.8612</a>

# Details

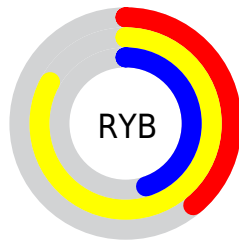
The Hex color **C3D363** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7363D3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FDF999**, and **8B9D2E** is the 20% darker color. If you saturate the color by 10%, you get **C0D34E**, and if you desaturate by 10%, it is **C6D378**.

# Distribution



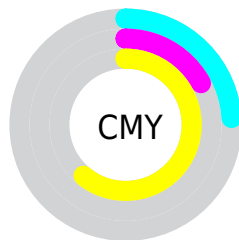
- Red (76%)
- Green (83%)
- Blue (39%)



- Red (39%)
- Yellow (83%)
- Blue (45%)



- Cyan (8%)
- Magenta (0%)
- Yellow (53%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3D363 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 C3D363 by changing the saturation by 10% instead.



 C3D363

 C3D363

FFFFFF

 A7B749

 FDFF99

 8B9D2E

 FFFFFB4

 70820F

 FFFFFD1

 556900

 FFFFFEE

 3C5100

 223A00

 062400

 000900

 000000

 C3D363

 C3D363

 C0D34E

 C6D378

 BDD339

 C9D38D

 BAD324

 CCD3A2

 B7D30F

 CFD3B7

 B5D300

 D2D3CD

 D5D3E2

 D8D3F7

 DBD3FF

 DED3FF

# Harmonies

## Analogous

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



F6C25E



C3D363



84DE86

# Triad

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



C3D363



00E0FF



FF9FDB

# Complementary

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



C3D363



7363D3

# 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.



FEADFF



C3D363



3BD4FF

# Square

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



C3D363



00E5F0



B7C2FF



FFA0A5

# Rectangle

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



C3D363



48E3A7



B7C2FF



FFA2ED

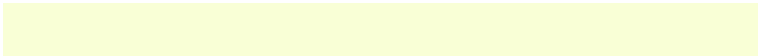


# Sweetspot

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



C3D363



F9FFD6



D37263



7C8067



000000



808080



# Same Dimension

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



C3D363



E8FF5C



8CD363



67695E



90A800



232900



# Inverse Universe

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



7363D3



735CFF



AA63D3



605E69



1800A8



060029



# Previews

## White Background



This preview shows how the Hex color C3D363 looks on a white background.

## Color Contrast Check

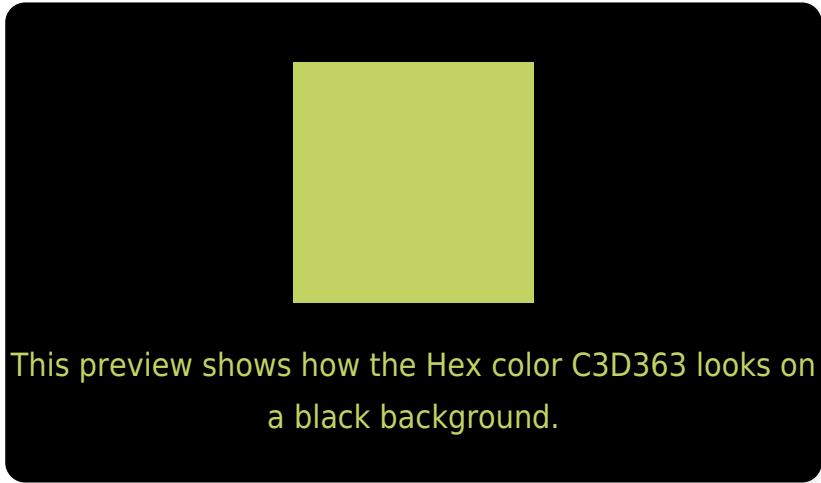
Large Text (above 18pt) WCAG AA × Fail

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 C3D363 Background



This preview shows how black text looks on a background with the Hex color C3D363.

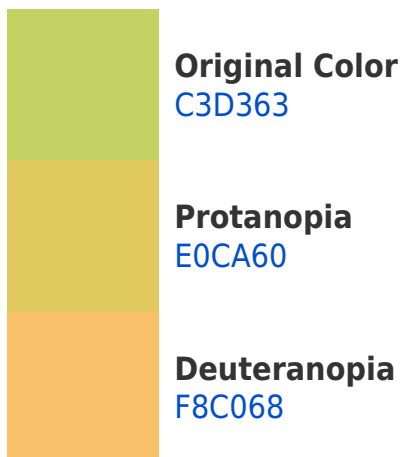


This preview shows how white text looks on a background with the Hex color C3D363.

# Color Blindness Simulation

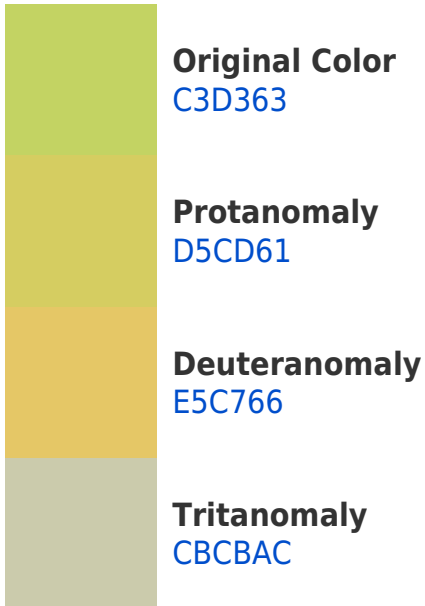
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3D363 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 #C3D363 looks like.

```
.text, #text, p{  
    color:#C3D363  
}
```

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 #C3D363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D363
}
```

## Border

The CSS property to change the border of an element to Hex C3D363 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
#C3D363 }
```

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

```
.border{ border-color:#C3D363 }
```

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

Here you see how a box with a 4 pixel #C3D363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D363; -webkit-box-shadow:4px 4px  
4px 4px #C3D363; box-shadow:4px 4px 4px  
4px #C3D363 }
```

# Background

The CSS property to change the background color of an element to Hex C3D363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D363 }
```

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

```
.background{ background-color:#C3D363 }
```

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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