

# Converting Colors

Hex(D1C345)

Have a look what the booklet for  
Hex(D1C345) contains.

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**Color**

**Hex(D1C345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C345
RGB	209, 195, 69
RGB Percent	82%, 76%, 27%
CMY	0.1804, 0.2353, 0.7294
CMYK	0.00, 0.07, 0.67, 0.18
HSL	54°, 60%, 55%
HSV	54°, 67%, 82%
XYZ	46.8838, 53.0152, 13.3921
YIQ	184.8220, 48.7900, -36.2180

# Conversions

## Conversions Part 2

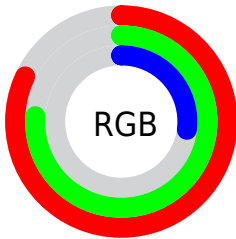
Format	Color
R <sub>Y</sub> B	85, 209, 69
Decimal	13747013
CIE Lab	77.88, -9.61, 62.41
CIE LCh	78, 63.142, 98.755
Yxy	53.0152, 0.4138, 0.4680
Android (android.graphics.Color)	4291937093 (0xFFD1C345)
YUV	184.8220, -57.1002, 21.2041
Hunter-Lab	72.8115, -12.4830, 40.0629

# Details

The Hex color **D1C345** 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 **4553D1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFB7C**, and **978E00** is the 20% darker color. If you saturate the color by 10%, you get **D1C130**, and if you desaturate by 10%, it is **D1C55A**.

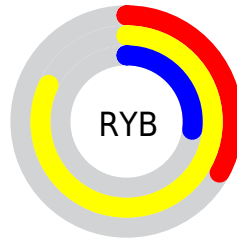
# Distribution



Red (82%)

Green (76%)

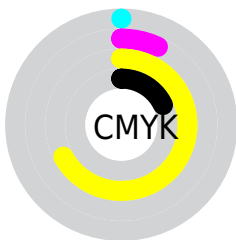
Blue (27%)



Red (33%)

Yellow (82%)

Blue (27%)

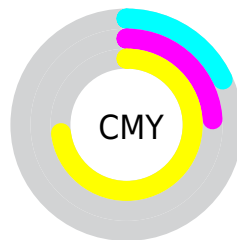


Cyan (0%)

Magenta (7%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (24%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1C345 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 D1C345 by changing the saturation by 10% instead.



 D1C345

 D1C345

FFFFFF

 B4A828

 FFFB7C

 978E00

 FFFF97

 7B7400

 FFFFB3

 605C00

 FFFF00

 454500

 FFFFED

 2B2F00

 121A00

 000000

 D1C345

 D1C345

 D1C130

 D1C55A

 D1BF1B

 D1C76F

 D1BD06

 D1C984

 D1BC00

 D1CB99

 D1CDAE

 D1D0C2

 D1D2D7

 D1D4EC

 D1D6FF

# Harmonies

## Analogous

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



FFAE51



D1C345



92D260

# Triad

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



D1C345



00DBFF



FF94EC

# Complementary

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



D1C345



4553D1

# 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.



DBA AFF



D1C 345



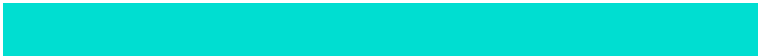
00D 2FF

# Square

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



D1C345



00DED1



73C1FF



FF8CB2

# Rectangle

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



D1C345



5AD881



73C1FF



FF9AFE

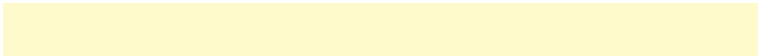


# Sweetspot

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



D1C345



FFFACC



D14553



807C61



000000



808080



# Same Dimension

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



D1C345



FFEB33



99D145



69685E



A89700



292500



# Inverse Universe

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



4553D1



3347FF



7D45D1



5E5F69



0011A8



000429



# Previews

## White Background



This preview shows how the Hex color D1C345 looks on a white background.

## Color Contrast Check

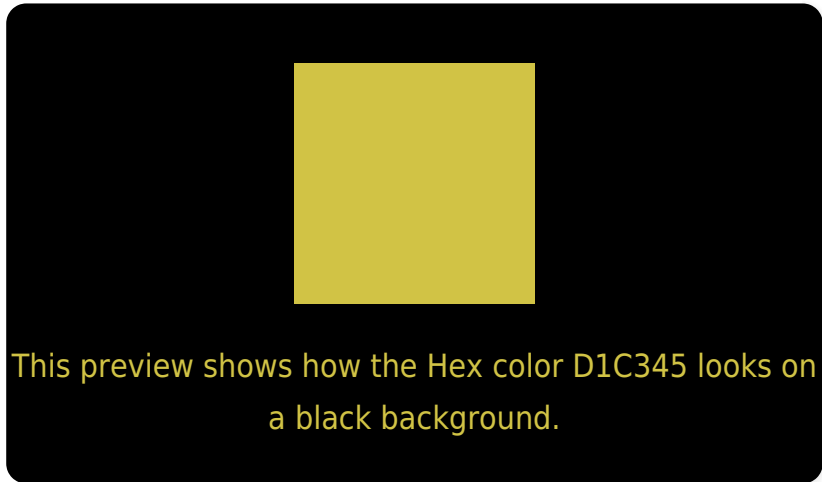
Large Text (above 18pt) WCAG AA × Fail

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 D1C345 Background



This preview shows how black text looks on a background with the Hex color D1C345.

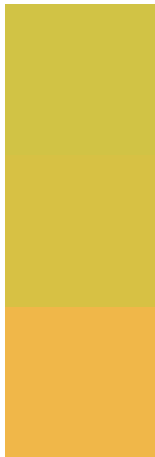


This preview shows how white text looks on a background with the Hex color D1C345.

# 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**  
D1C345

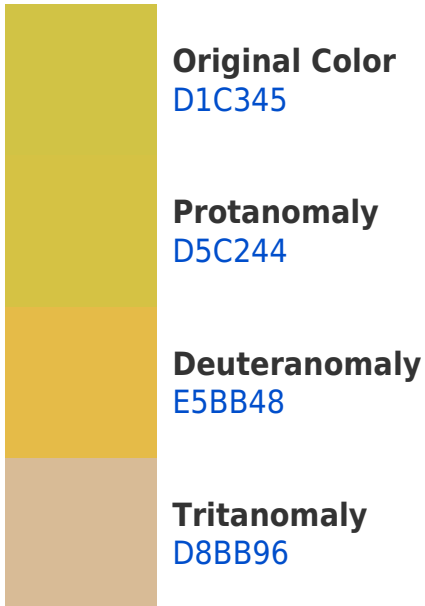
**Protanopia**  
D7C144

**Deuteranopia**  
F0B749



**Tritanopia**  
DCB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1C345 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 #D1C345 looks like.

```
.text, #text, p{  
    color:#D1C345  
}
```

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 #D1C345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1C345
}
```

## Border

The CSS property to change the border of an element to Hex D1C345 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
#D1C345 }
```

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

```
.border{ border-color:#D1C345 }
```

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

Here you see how a box with a 4 pixel #D1C345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1C345; -webkit-box-shadow:4px 4px  
4px 4px #D1C345; box-shadow:4px 4px 4px  
4px #D1C345 }
```

# Background

The CSS property to change the background color of an element to Hex D1C345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1C345 }
```

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

```
.background{ background-color:#D1C345 }
```

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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