

Converting Colors

Hex(D1C342)

Have a look what the booklet for
Hex(D1C342) contains.

Hex(D1C342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D1C342)

Conversions

Conversions Part 1

Format	Color
Hex	D1C342
RGB	209, 195, 66
RGB Percent	82%, 76%, 26%
CMY	0.1804, 0.2353, 0.7412
CMYK	0.00, 0.07, 0.68, 0.18
HSL	54°, 61%, 54%
HSV	54°, 68%, 82%
XYZ	46.7930, 52.9789, 12.9139
YIQ	184.4800, 49.7530, -37.1510

Conversions

Conversions Part 2

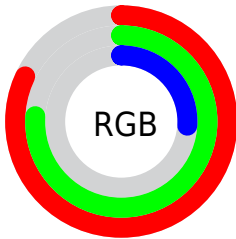
Format	Color
R _Y B	82, 209, 66
Decimal	13747010
CIE Lab	77.86, -9.77, 63.57
CIE LCh	78, 64.314, 98.741
Yxy	52.9789, 0.4153, 0.4701
Android (android.graphics.Color)	4291937090 (0xFFD1C342)
YUV	184.4800, -58.4106, 21.5040
Hunter-Lab	72.7866, -12.6226, 40.4313

Details

The Hex color **D1C342** 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 **4250D1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFB79**, and **978E00** is the 20% darker color. If you saturate the color by 10%, you get **D1C12D**, and if you desaturate by 10%, it is **D1C557**.

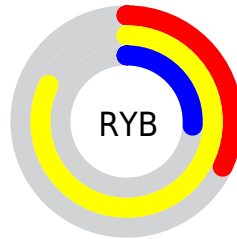
Distribution



Red (82%)

Green (76%)

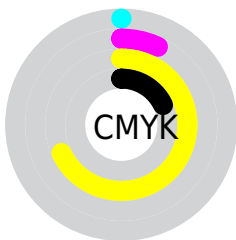
Blue (26%)



Red (32%)

Yellow (82%)

Blue (26%)

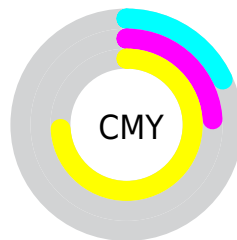


Cyan (0%)

Magenta (7%)

Yellow (68%)

Black (18%)



Cyan (18%)

Magenta (24%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1C342 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 D1C342 by changing the saturation by 10% instead.

 D1C342

 D1C342

FFFFFF

 B4A824

 FFFB79

 978E00

 FFFF94

 7B7400

 FFFF80


 605C00

 FFFF66

 454500

 FFFF33

 2B2F00

 111A00

 000000

 D1C342

 D1C342

 D1C12D

 D1C557

 D1BF18

 D1C76C

 D1BD03

 D1C981

 D1BD00

 D1CB96

 D1CDAB

 D1CFBF

 D1D1D4

 D1D3E9

 D1D5FE

Harmonies

Analogous

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



FFAE4F



D1C342



91D25E

Triad

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



D1C342



00DCFF



FF93ED

Complementary

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



D1C342



4250D1

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.



DBA9FF



D1C342



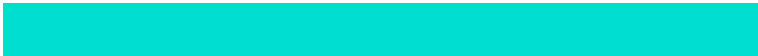
00D2FF

Square

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



D1C342



00DED1



70C1FF



FF8BB1

Rectangle

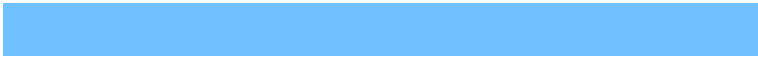
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1C342



57D980



70C1FF



FF99FF

Sweetspot

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



D1C342



FFFAC9



D14250



807C60



000000



808080

Same Dimension

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



D1C342



FFEB2E



98D142



69685E



A89800



292500

Inverse Universe

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



4250D1



2E42FF



7B42D1



5E5F69



0010A8



000429

Previews

White Background



This preview shows how the Hex color D1C342 looks on a white background.

Color Contrast Check

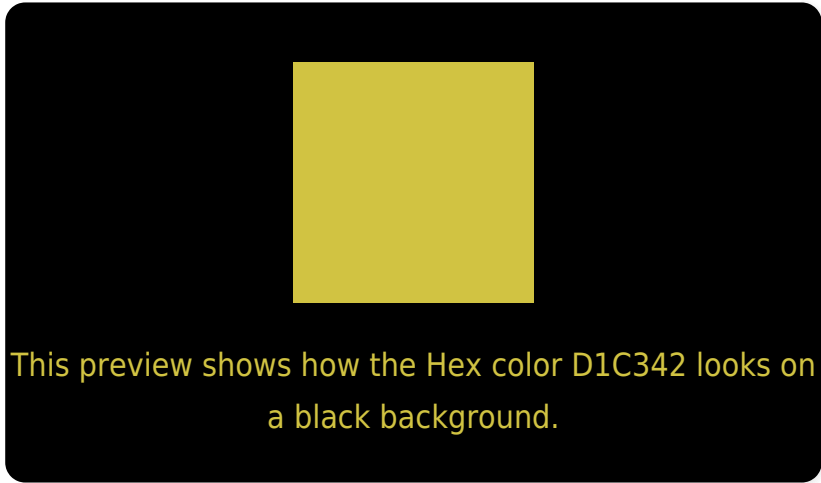
Large Text (above 18pt) WCAG AA × Fail

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 D1C342 Background



This preview shows how black text looks on a background with the Hex color D1C342.



This preview shows how white text looks on a background with the Hex color D1C342.

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
D1C342

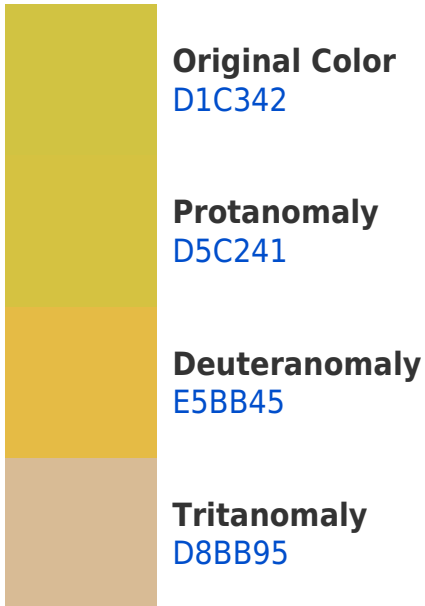
Protanopia
D7C141

Deuteranopia
F0B746



Tritanopia
DCB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1C342 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 #D1C342 looks like.

```
.text, #text, p{  
    color:#D1C342  
}
```

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 #D1C342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1C342
}
```

Border

The CSS property to change the border of an element to Hex D1C342 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
#D1C342 }
```

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

```
.border{ border-color:#D1C342 }
```

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

Here you see how a box with a 4 pixel #D1C342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1C342; -webkit-box-shadow:4px 4px  
4px 4px #D1C342; box-shadow:4px 4px 4px  
4px #D1C342 }
```

Background

The CSS property to change the background color of an element to Hex D1C342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1C342 }
```

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

```
.background{ background-color:#D1C342 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor