

Converting Colors

Hex(DCD340)

Have a look what the booklet for
Hex(DCD340) contains.

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Color

Hex(DCD340)

Conversions

Conversions Part 1

Format	Color
Hex	DCD340
RGB	220, 211, 64
RGB Percent	86%, 83%, 25%
CMY	0.1373, 0.1725, 0.7490
CMYK	0.00, 0.04, 0.71, 0.14
HSL	57°, 69%, 56%
HSV	57°, 71%, 86%
XYZ	53.7349, 62.1743, 14.0192
YIQ	196.9330, 52.5510, -43.8090

Conversions

Conversions Part 2

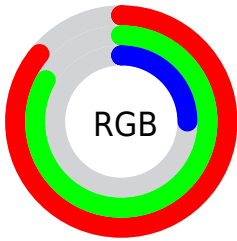
Format	Color
RYB	74, 220, 64
Decimal	14472000
CIELab	83.01, -13.31, 69.71
CIELCh	83, 70.969, 100.812
Yxy	62.1743, 0.4136, 0.4785
Android (android.graphics.Color)	4292662080 (0xFFDCD340)
YUV	196.9330, -65.5360, 20.2298
Hunter-Lab	78.8507, -16.3452, 44.6541

Details

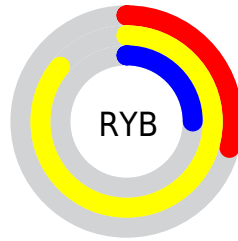
The Hex color **DCD340** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4049DC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF79**, and **A19D00** is the 20% darker color. If you saturate the color by 10%, you get **DCD22A**, and if you desaturate by 10%, it is **DCD456**.

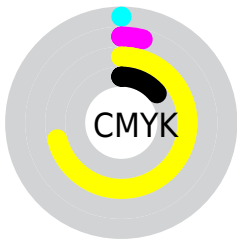
Distribution



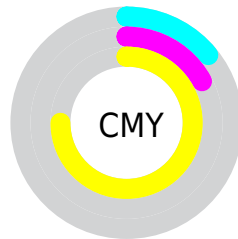
- Red (86%)
- Green (83%)
- Blue (25%)



- Red (29%)
- Yellow (86%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (71%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCD340 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 DCD340 by changing the saturation by 10% instead.

 DCD340

 DCD340

FFFFFF

 BEB81F

 FFFF79

 A19D00

 FFFF95

 858300

 FFFFB1

 696A00

 FFFFCE

 4D5200

 FFFFEB

 333B00

 1A2600

 001200

 000000

 DCD340

 DCD340

 DCD22A

 DCD456

 DCD014

 DCD66C

 DCCF00

 DCD782

 DCD898

 DCD9AE

 DCDBC4

 DCDCDA

 DCDDF0

 DCDEFF

Harmonies

Analogous

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



FFBC4C



DCD340



93E364

Triad

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



DCD340



00ECFF



FF99FC

Complementary

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



DCD340



4049DC

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.



F2B3FF



DCD340



00E2FF

Square

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



DCD340



00EFE6



7CCEFF



FF92B9

Rectangle

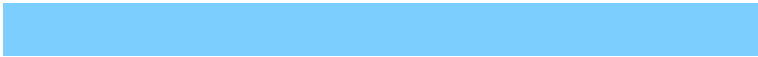
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCD340



4AEA8B



7CCEFF



FFA1FF

Sweetspot

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



DCD340



FFFCC9



DC404A



807E60



000000



808080

Same Dimension

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



DCD340



FFF226



98DC40



6E6D63



ADA300



2E2B00

Inverse Universe

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



4049DC



2633FF



8440DC



63636E



000AAD



00032E

Previews

White Background



This preview shows how the Hex color DCD340 looks on a white background.

Color Contrast Check

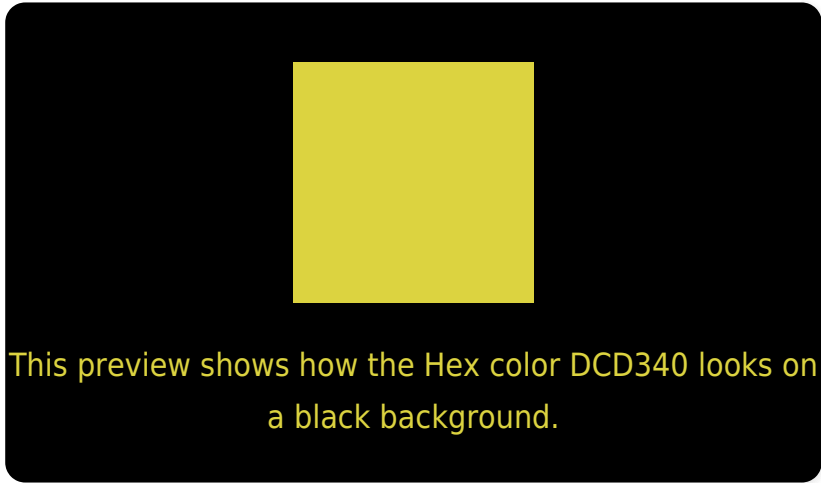
Large Text (above 18pt) WCAG AA × Fail

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 DCD340 Background



This preview shows how black text looks on a background with the Hex color DCD340.



This preview shows how white text looks on a background with the Hex color DCD340.

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
DCD340

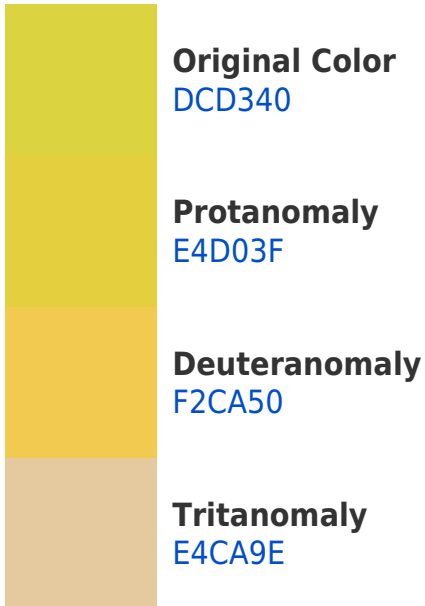
Protanopia
E8CF3F

Deuteranopia
FFC559

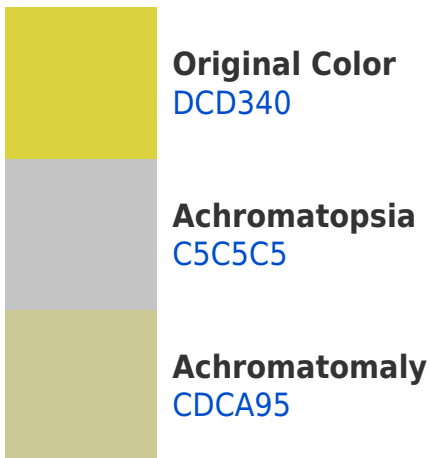


Tritanopia
E8C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCD340 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 #DCD340 looks like.

```
.text, #text, p{  
    color:#DCD340  
}
```

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 #DCD340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD340
}
```

Border

The CSS property to change the border of an element to Hex DCD340 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
#DCD340 }
```

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

```
.border{ border-color:#DCD340 }
```

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

Here you see how a box with a 4 pixel #DCD340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD340; -webkit-box-shadow:4px 4px  
4px 4px #DCD340; box-shadow:4px 4px 4px  
4px #DCD340 }
```

Background

The CSS property to change the background color of an element to Hex DCD340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD340 }
```

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

```
.background{ background-color:#DCD340 }
```

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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