

# Converting Colors

Hex(D0F342)

Have a look what the booklet for  
Hex(D0F342) contains.

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# **Color**

**Hex(D0F342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0F342
RGB	208, 243, 66
RGB Percent	82%, 95%, 26%
CMY	0.1843, 0.0471, 0.7412
CMYK	0.14, 0.00, 0.73, 0.05
HSL	72°, 88%, 61%
HSV	72°, 73%, 95%
XYZ	59.0464, 77.9044, 17.0792
YIQ	212.3570, 35.9570, -62.4670

# Conversions

## Conversions Part 2

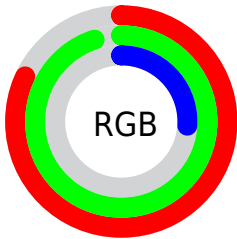
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 243, 101
Decimal	13693762
CIELab	90.74, -33.44, 76.17
CIELCh	91, 83.183, 113.701
Yxy	77.9044, 0.3833, 0.5058
Android (android.graphics.Color)	4291883842 (0xFFD0F342)
YUV	212.3570, -72.1540, -3.8211
Hunter-Lab	88.2635, -35.0484, 50.3117

# Details

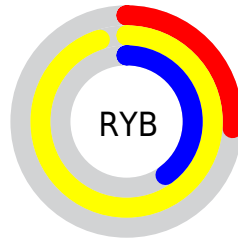
The Hex color **D0F342** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6542F3**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF7D**, and **95BB00** is the 20% darker color. If you saturate the color by 10%, you get **CBF32A**, and if you desaturate by 10%, it is **D5F35A**.

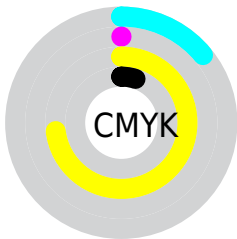
# Distribution



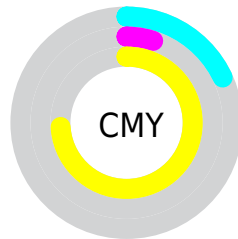
- Red (82%)
- Green (95%)
- Blue (26%)



- Red (26%)
- Yellow (95%)
- Blue (40%)



- Cyan (14%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0F342 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 D0F342 by changing the saturation by 10% instead.



 D0F342

 D0F342

FFFFFF

 B3D71E

 FFFF7D

 95BB00

 FFFF9A

 79A000

 FFFFB7

 5C8600

 FFFFD4

 406C00

 FFFFF2

 225400

 003C00

 002700

 000500

 D0F342

 D0F342

 CBF32A

 D5F35A

 C6F311

 DAF373

 C3F300

 DEF38B

 E3F3A3

 E8F3BB

 EDF3D4

 F2F3EC

 F6F3FF

 FBF3FF

# Harmonies

## Analogous

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



FFDB34



D0F342



66FF81

# Triad

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



D0F342



00FFFF



FF9AF9

# Complementary

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



D0F342



6542F3

# 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.



FFB4FF



D0F342



00F3FF

# Square

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



D0F342



00FFFF



C7D6FF



FF9FA9

# Rectangle

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



D0F342



00FFB5



C7D6FF



FFA0FF

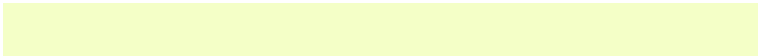


# Sweetspot

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



D0F342



F4FFC7



F36242



79805E



000000



808080



# Same Dimension

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



D0F342



D3FF21



7AF342



787A6E



95BA00



2F3B00



# Inverse Universe

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



6542F3



4D21FF



BB42F3



716E7A



2500BA



0C003B



# Previews

## White Background



This preview shows how the Hex color D0F342 looks on a white background.

## Color Contrast Check

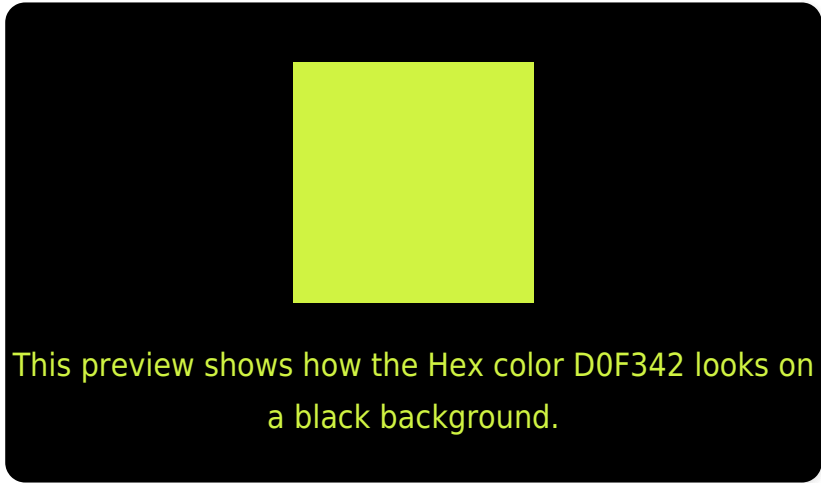
Large Text (above 18pt) WCAG AA × Fail

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 D0F342 Background



This preview shows how black text looks on a background with the Hex color D0F342.

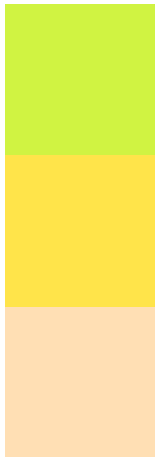


This preview shows how white text looks on a background with the Hex color D0F342.

# 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**  
D0F342

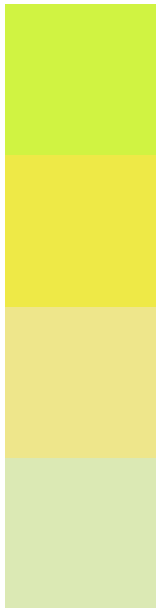
**Protanopia**  
FFE44A

**Deuteranopia**  
FFDFB4



**Tritanopia**  
E2E3F5

# Trichromacy



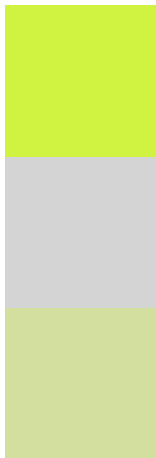
**Original Color**  
D0F342

**Protanomaly**  
EEE947

**Deuteranomaly**  
EEE68B

**Tritanomaly**  
DBE9B4

# Monochromacy



**Original Color**  
D0F342

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D3DF9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0F342 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 #D0F342 looks like.

```
.text, #text, p{  
    color:#D0F342  
}
```

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 #D0F342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0F342
}
```

## Border

The CSS property to change the border of an element to Hex D0F342 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
#D0F342 }
```

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

```
.border{ border-color:#D0F342 }
```

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

Here you see how a box with a 4 pixel #D0F342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0F342; -webkit-box-shadow:4px 4px  
4px 4px #D0F342; box-shadow:4px 4px 4px  
4px #D0F342 }
```

# Background

The CSS property to change the background color of an element to Hex D0F342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0F342 }
```

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

```
.background{ background-color:#D0F342 }
```

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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