

# Converting Colors

Hex(D2F73C)

Have a look what the booklet for  
Hex(D2F73C) contains.

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**Color**

**Hex(D2F73C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2F73C
RGB	210, 247, 60
RGB Percent	82%, 97%, 24%
CMY	0.1765, 0.0314, 0.7647
CMYK	0.15, 0.00, 0.76, 0.03
HSL	72°, 92%, 60%
HSV	72°, 76%, 97%
XYZ	60.6547, 80.5494, 16.6257
YIQ	214.6190, 37.9750, -66.0010

# Conversions

## Conversions Part 2

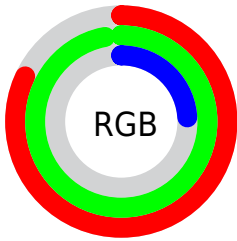
Format	Color
<a href="#">RYB</a>	<a href="#">60, 247, 97</a>
Decimal	<a href="#">13825852</a>
CIELab	<a href="#">91.93, -34.75, 79.19</a>
CIELCh	<a href="#">92, 86.477, 113.691</a>
Yxy	<a href="#">80.5494, 0.3843, 0.5104</a>
Android (android.graphics.Color)	<a href="#">4292015932</a> <a href="#">(0xFFD2F73C)</a>
YUV	<a href="#">214.6190, -76.2272, -4.0509</a>
Hunter-Lab	<a href="#">89.7493, -36.4268, 51.8413</a>

# Details

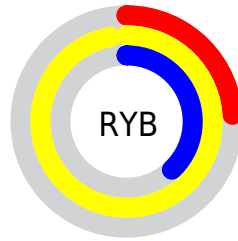
The Hex color **D2F73C** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **613CF7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF79**, and **97BF00** is the 20% darker color. If you saturate the color by 10%, you get **CDF723**, and if you desaturate by 10%, it is **D7F755**.

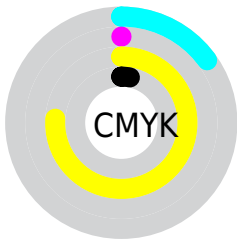
# Distribution



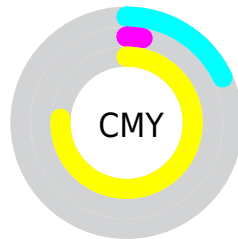
- Red (82%)
- Green (97%)
- Blue (24%)



- Red (24%)
- Yellow (97%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (76%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2F73C 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 D2F73C by changing the saturation by 10% instead.



 D2F73C

 D2F73C

FFFFFF

 B4DA11

 FFFF79

 97BF00

 FFFF96

 7AA300

 FFFFB3

 5E8900

 FFFFFD1

 416F00

 FFFFFEE

 235700

 003F00

 002900

 000D00

 D2F73C

 D2F73C

 CDF723

 D7F755

 C8F70B

 DCF76D

 C6F700

 E1F786

 E6F79F

 EAF7B7

 EFF7D0

 F4F7E9

 F9F7FF

 FEF7FF

# Harmonies

## Analogous

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



FFDE2C



D2F73C



61FF80

# Triad

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



D2F73C



00FFFF



FF99FD

# Complementary

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



D2F73C



613CF7

# 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



D2F73C



00F7FF

# Square

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



D2F73C



00FFFF



C8D9FF



FF9EAA

# Rectangle

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



D2F73C



00FFB6



C8D9FF



FFA0FF

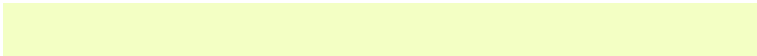


# Sweetspot

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



D2F73C



F3FFC4



F75E3C



78805C



000000



808080



# Same Dimension

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



D2F73C



D1FF17



77F73C



787A6E



95BA00



2F3B00



# Inverse Universe

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



613CF7



4517FF



BC3CF7



716E7A



2500BA

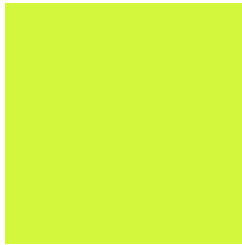


0C003B



# Previews

## White Background



This preview shows how the Hex color D2F73C looks on a white background.

## Color Contrast Check

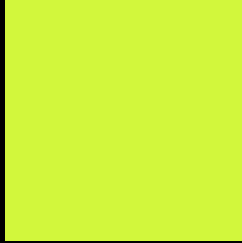
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D2F73C looks on a 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 D2F73C Background



This preview shows how black text looks on a background with the Hex color D2F73C.

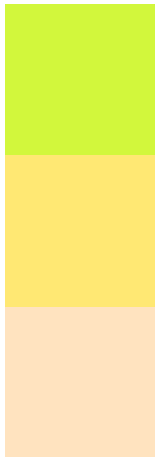


This preview shows how white text looks on a background with the Hex color D2F73C.

# 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**  
D2F73C

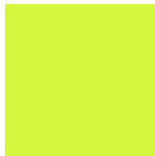
**Protanopia**  
FFE873

**Deuteranopia**  
FFE3BF



**Tritanopia**  
E5E6F8

# Trichromacy



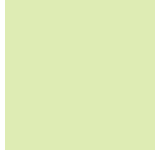
**Original Color**  
D2F73C



**Protanomaly**  
EDED5F



**Deuteranomaly**  
EFEA8F

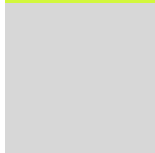


**Tritanomaly**  
DEECB4

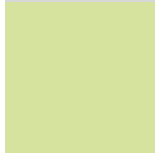
# Monochromacy



**Original Color**  
D2F73C



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
D5E39F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2F73C 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 #D2F73C looks like.

```
.text, #text, p{  
    color:#D2F73C  
}
```

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 #D2F73C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2F73C
}
```

## Border

The CSS property to change the border of an element to Hex D2F73C 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
#D2F73C }
```

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

```
.border{ border-color:#D2F73C }
```

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

Here you see how a box with a 4 pixel #D2F73C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2F73C; -webkit-box-shadow:4px 4px  
4px 4px #D2F73C; box-shadow:4px 4px 4px  
4px #D2F73C }
```

# Background

The CSS property to change the background color of an element to Hex D2F73C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2F73C }
```

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

```
.background{ background-color:#D2F73C }
```

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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