

Converting Colors

Hex(D5F74C)

Have a look what the booklet for
Hex(D5F74C) contains.

Hex(D5F74C)	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(D5F74C)

Conversions

Conversions Part 1

Format	Color
Hex	D5F74C
RGB	213, 247, 76
RGB Percent	84%, 97%, 30%
CMY	0.1647, 0.0314, 0.7020
CMYK	0.14, 0.00, 0.69, 0.03
HSL	72°, 91%, 63%
HSV	72°, 69%, 97%
XYZ	62.0058, 81.1895, 19.2406
YIQ	217.3400, 34.6270, -60.3890

Conversions

Conversions Part 2

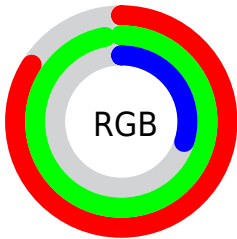
Format	Color
RYB	76, 247, 110
Decimal	14022476
CIELab	92.22, -32.80, 74.35
CIELCh	92, 81.262, 113.807
Yxy	81.1895, 0.3817, 0.4998
Android (android.graphics.Color)	4292212556 (0xFFD5F74C)
YUV	217.3400, -69.6806, -3.8062
Hunter-Lab	90.1052, -34.8494, 50.4132

Details

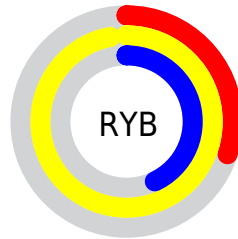
The Hex color **D5F74C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **6E4CF7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF86**, and **9BBF00** is the 20% darker color. If you saturate the color by 10%, you get **D0F733**, and if you desaturate by 10%, it is **DAF765**.

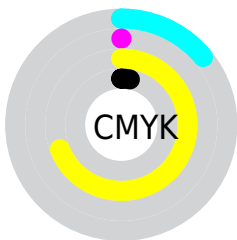
Distribution



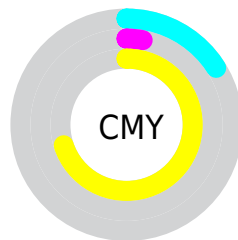
- Red (84%)
- Green (97%)
- Blue (30%)



- Red (30%)
- Yellow (97%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (69%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5F74C 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 D5F74C by changing the saturation by 10% instead.

 D5F74C

 D5F74C

FFFFFF

 B8DA2C

 FFFF86

 9BBF00

 FFFFA3

 7EA300

 FFFFC0

 628900

 FFFFDD

 467000

 FFFFFB

 295700

 053F00

 002900

 000F00

 D5F74C

 D5F74C

 D0F733

 DAF765

 CBF71B

 DFF77D

 C6F702

 E4F796

 C6F700

 E9F7AF

 EEF7C7

 F2F7E0

 F7F7F9

 FCF7FF

 FFF7FF

Harmonies

Analogous

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



FFDF3F



D5F74C



6FFF88

Triad

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



D5F74C



00FFFF



FFA1FC

Complementary

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



D5F74C



6E4CF7

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.



FFB9FF



D5F74C



00F6FF

Square

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



D5F74C



00FFFF



CDDBFF



FFA5AE

Rectangle

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



D5F74C



00FFBA



CDDBFF



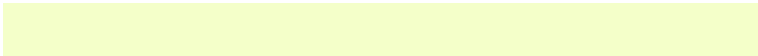
FFA7FF

Sweetspot

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



D5F74C



F4FFC9



F76B4C



798060



000000



808080

Same Dimension

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



D5F74C



D5FF2B



82F74C



787A6E



95BA00



2F3B00

Inverse Universe

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



6E4CF7



552BFF



C14CF7



716E7A



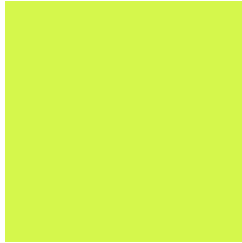
2500BA



0C003B

Previews

White Background



This preview shows how the Hex color D5F74C looks on a white background.

Color Contrast Check

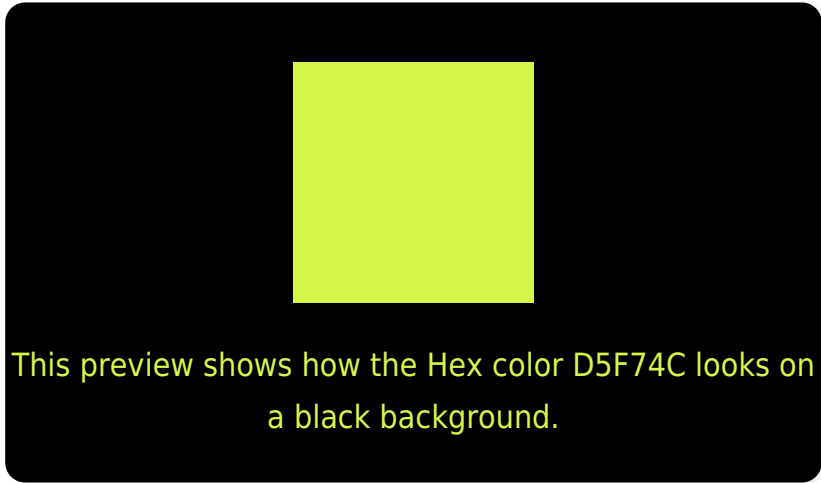
Large Text (above 18pt) WCAG AA × Fail

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 D5F74C Background



This preview shows how black text looks on a background with the Hex color D5F74C.

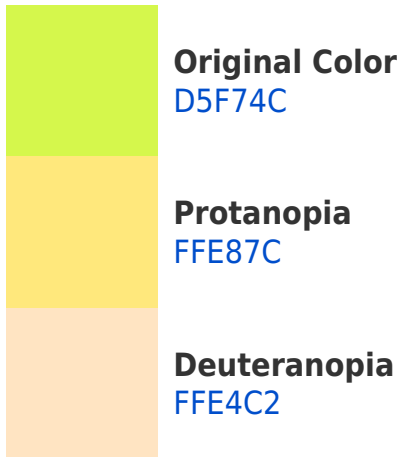


This preview shows how white text looks on a background with the Hex color D5F74C.

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](#).

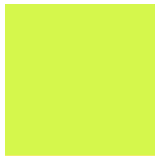
Dichromacy



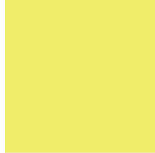


Tritanopia
E7E7F9

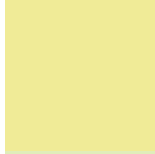
Trichromacy



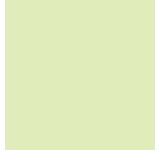
Original Color
D5F74C



Protanomaly
F0ED6B



Deuteranomaly
F0EB97

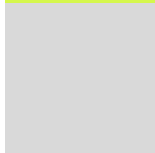


Tritanomaly
E0EDBA

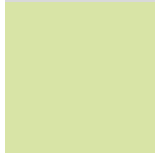
Monochromacy



Original Color
D5F74C



Achromatopsia
D9D9D9



Achromatomaly
D8E4A6

CSS Examples

Text

The CSS property to change the color of the text to Hex D5F74C 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 #D5F74C looks like.

```
.text, #text, p{  
    color:#D5F74C  
}
```

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 #D5F74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5F74C
}
```

Border

The CSS property to change the border of an element to Hex D5F74C 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
#D5F74C }
```

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

```
.border{ border-color:#D5F74C }
```

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

Here you see how a box with a 4 pixel #D5F74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5F74C; -webkit-box-shadow:4px 4px  
4px 4px #D5F74C; box-shadow:4px 4px 4px  
4px #D5F74C }
```

Background

The CSS property to change the background color of an element to Hex D5F74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5F74C }
```

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

```
.background{ background-color:#D5F74C }
```

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