

Converting Colors

Hex(5DFA74)

Have a look what the booklet for
Hex(5DFA74) contains.

Hex(5DFA74)	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(5DFA74)

Conversions

Conversions Part 1

Format	Color
Hex	5DFA74
RGB	93, 250, 116
RGB Percent	36%, 98%, 45%
CMY	0.6353, 0.0196, 0.5451
CMYK	0.63, 0.00, 0.54, 0.02
HSL	129°, 94%, 67%
HSV	129°, 63%, 98%
XYZ	41.8522, 71.9593, 28.2067
YIQ	187.7810, -50.5580, -74.9580

Conversions

Conversions Part 2

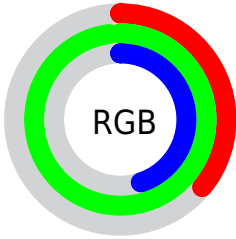
Format	Color
RYB	93, 230, 250
Decimal	6158964
CIELab	87.95, -67.67, 51.73
CIELCh	88, 85.172, 142.604
Yxy	71.9593, 0.2947, 0.5067
Android (android.graphics.Color)	4284349044 (0xFF5DFA74)
YUV	187.7810, -35.3880, -83.1229
Hunter-Lab	84.8288, -60.3835, 39.6655

Details

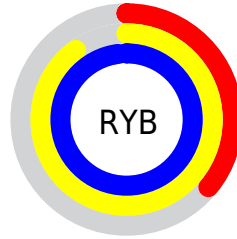
The Hex color **5DFA74** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **FA5DE3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9DFFAB**, and **00C03F** is the 20% darker color. If you saturate the color by 10%, you get **44FA5F**, and if you desaturate by 10%, it is **76FA89**.

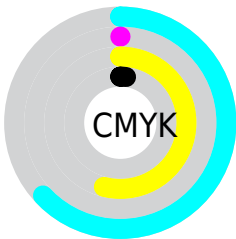
Distribution



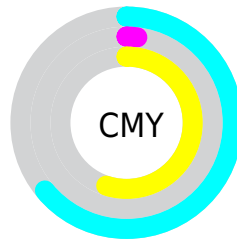
- Red (36%)
- Green (98%)
- Blue (45%)



- Red (36%)
- Yellow (90%)
- Blue (98%)



- Cyan (63%)
- Magenta (0%)
- Yellow (54%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DFA74 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 5DFA74 by changing the saturation by 10% instead.

 5DFA74

 5DFA74

FFFFFF

 37DD59

 9DFFAB

 00C03F

 BCFFC7

 00A423

 DBFFE4

 008900

 FAFFFF

 006E00

 005400

 003C00

 002300

 000000

 5DFA74

 5DFA74

 44FA5F

 76FA89

 2BFA49

 8FFA9F

 12FA34

 A8FAB4

 00FA25

 C1FAC9

 DAFADF

 F3FAF4

 FFFAFF

Harmonies

Analogous

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



CAEB30



5DFA74



00FC5

Triad

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



5DFA74



00ECFF



FF93A3

Complementary

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



5DFA74



FA5DE3

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.



FF8FF4



5DFA74



B6D0FF

Square

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



5DFA74



00FCFF



FFABFF



FFB15B

Rectangle

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



5DFA74



00FFFE



FFABFF



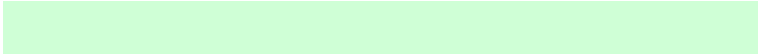
FF8EBE

Sweetspot

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



5DFA74



CFFFD6



E5FA5D



628066



000000



808080

Same Dimension

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



5DFA74



40FF5C



5DFAC0



707D72



00BD1C



003D09

Inverse Universe

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



FA5DE3



FF40E3



FA5D97



7D707B



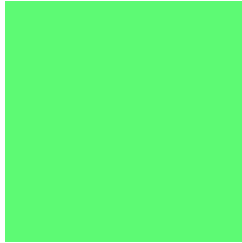
BD00A1



3D0034

Previews

White Background



This preview shows how the Hex color 5DFA74 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 5DFA74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

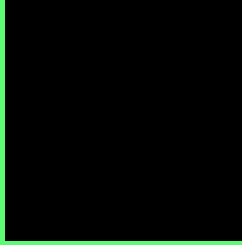
Any Text WCAG AA ✓ Pass

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 5DFA74 Background



This preview shows how black text looks on a background with the Hex color 5DFA74.

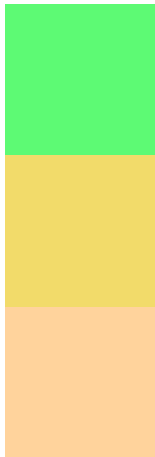


This preview shows how white text looks on a background with the Hex color 5DFA74.

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](#).

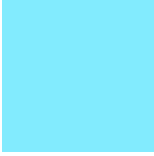
Dichromacy



Original Color
5DFA74

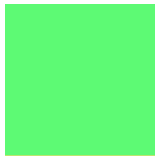
Protanopia
F2DB6A

Deuteranopia
FFD39C

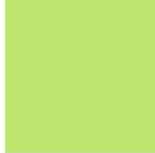


Tritanopia
82EBFE

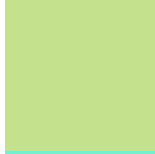
Trichromacy



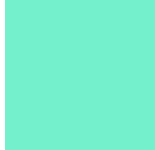
Original Color
5DFA74



Protanomaly
BCE66E



Deuteranomaly
C4E18D

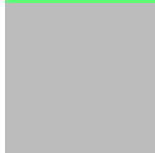


Tritanomaly
75F0CC

Monochromacy



Original Color
5DFA74



Achromatopsia
BCBCBC



Achromatomaly
99D3A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DFA74 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 #5DFA74 looks like.

```
.text, #text, p{  
    color:#5DFA74  
}
```

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 #5DFA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFA74
}
```

Border

The CSS property to change the border of an element to Hex 5DFA74 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
#5DFA74 }
```

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

```
.border{ border-color:#5DFA74 }
```

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

Here you see how a box with a 4 pixel #5DFA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFA74; -webkit-box-shadow:4px 4px  
4px 4px #5DFA74; box-shadow:4px 4px 4px  
4px #5DFA74 }
```

Background

The CSS property to change the background color of an element to Hex 5DFA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFA74 }
```

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

```
.background{ background-color:#5DFA74 }
```

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