

Converting Colors

Hex(5ADB74)

Have a look what the booklet for
Hex(5ADB74) contains.

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Color

Hex(5ADB74)

Conversions

Conversions Part 1

Format	Color
Hex	5ADB74
RGB	90, 219, 116
RGB Percent	35%, 86%, 45%
CMY	0.6471, 0.1412, 0.5451
CMYK	0.59, 0.00, 0.47, 0.14
HSL	132°, 64%, 61%
HSV	132°, 59%, 86%
XYZ	32.7004, 54.0976, 25.2414
YIQ	168.6870, -43.8210, -59.3810

Conversions

Conversions Part 2

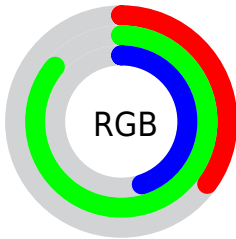
Format	Color
RYB	90, 197, 219
Decimal	5954420
CIELab	78.52, -57.05, 40.10
CIELCh	79, 69.737, 144.897
Yxy	54.0976, 0.2919, 0.4828
Android (android.graphics.Color)	4284144500 (0xFF5ADB74)
YUV	168.6870, -25.9747, -69.0085
Hunter-Lab	73.5511, -49.3545, 31.1385

Details

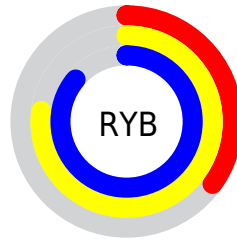
The Hex color **5ADB74** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB5AC1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **96FFA9**, and **00A341** is the 20% darker color. If you saturate the color by 10%, you get **44DB63**, and if you desaturate by 10%, it is **70DB85**.

Distribution



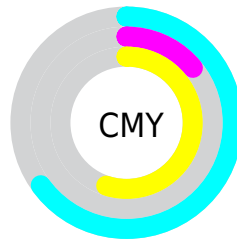
- Red (35%)
- Green (86%)
- Blue (45%)



- Red (35%)
- Yellow (77%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (14%)



- Cyan (65%)
- Magenta (14%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ADB74 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 5ADB74 by changing the saturation by 10% instead.

 5ADB74

 5ADB74

FFFFFF

 38BF5A

 96FFA9

 00A341

 B4FFC5

 008828

 D2FFE2

 006D0C

 F0FFFF

 005400

 003B00

 002400

 000000

 5ADB74

 5ADB74

 44DB63

 70DB85

 2EDB51

 86DB97

 18DB40

 9CDBA8

 02DB2E

 B2DBBA

 00DB2C

 C7DBCB

 DDDBDD

 F3DBEE

 FFDBFF

Harmonies

Analogous

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



B0CF42



5ADB74



00E1B5

Triad

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



5ADB74



00CDFE



FF8B90

Complementary

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



5ADB74



DB5AC1

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.



FF87D0



5ADB74



B0B6FF

Square

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



5ADB74



00DBFF



FF9AFF



FFA258

Rectangle

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



5ADB74



00E2E2



FF9AFF



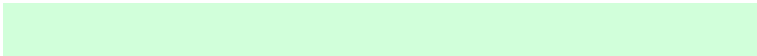
FF87A5

Sweetspot

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



5ADB74



D1FFDA



C1DB5A



638069



000000



808080

Same Dimension

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



5ADB74



4AFF6E



5ADBB4



636E65



00AD23



002E09

Inverse Universe

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



DB5AC1



FF4ADB



DB5A81



6E636B



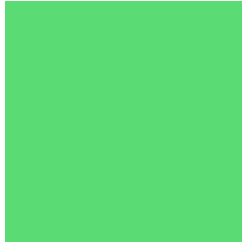
AD008A



2E0025

Previews

White Background



This preview shows how the Hex color 5ADB74 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 5ADB74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

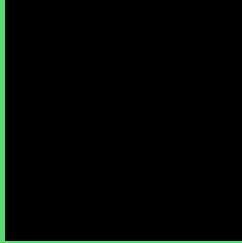
Any Text WCAG AA ✓ Pass

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 5ADB74 Background



This preview shows how black text looks on a background with the Hex color 5ADB74.

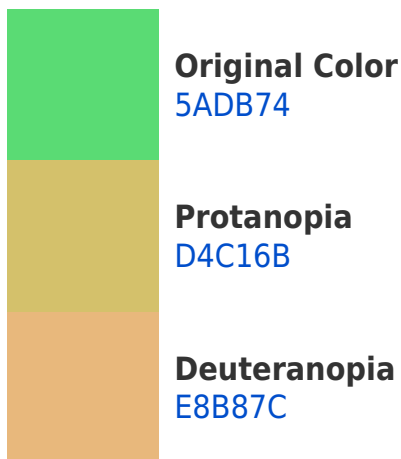


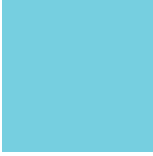
This preview shows how white text looks on a background with the Hex color 5ADB74.

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](#).

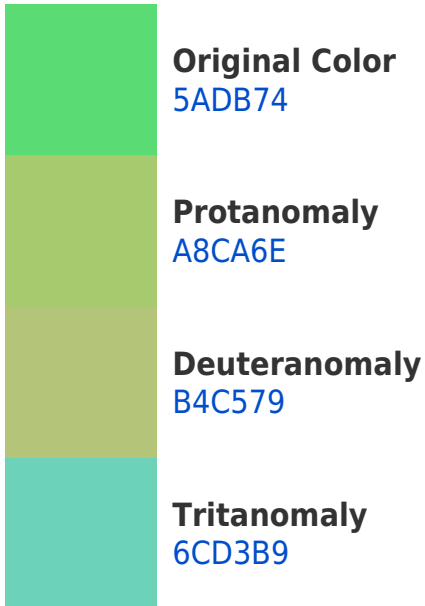
Dichromacy



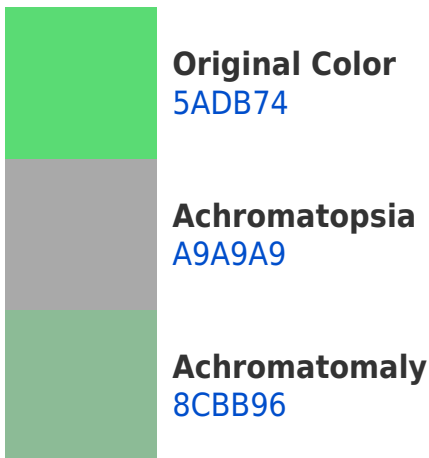


Tritanopia
76CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5ADB74 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 #5ADB74 looks like.

```
.text, #text, p{  
    color:#5ADB74  
}
```

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 #5ADB74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ADB74
}
```

Border

The CSS property to change the border of an element to Hex 5ADB74 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
#5ADB74 }
```

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

```
.border{ border-color:#5ADB74 }
```

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

Here you see how a box with a 4 pixel #5ADB74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ADB74; -webkit-box-shadow:4px 4px  
4px 4px #5ADB74; box-shadow:4px 4px 4px  
4px #5ADB74 }
```

Background

The CSS property to change the background color of an element to Hex 5ADB74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ADB74 }
```

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

```
.background{ background-color:#5ADB74 }
```

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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