

Converting Colors

Hex(5ADB6D)

Have a look what the booklet for
Hex(5ADB6D) contains.

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Color

Hex(5ADB6D)

Conversions

Conversions Part 1

Format	Color
Hex	5ADB6D
RGB	90, 219, 109
RGB Percent	35%, 86%, 43%
CMY	0.6471, 0.1412, 0.5725
CMYK	0.59, 0.00, 0.50, 0.14
HSL	129°, 64%, 61%
HSV	129°, 59%, 86%
XYZ	32.3083, 53.9408, 23.1768
YIQ	167.8890, -41.5740, -61.5580

Conversions

Conversions Part 2

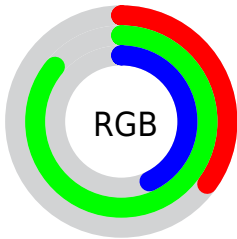
Format	Color
RYB	90, 202, 219
Decimal	5954413
CIELab	78.43, -58.06, 43.39
CIELCh	78, 72.486, 143.231
Yxy	53.9408, 0.2953, 0.4929
Android (android.graphics.Color)	4284144493 (0xFF5ADB6D)
YUV	167.8890, -29.0323, -68.3087
Hunter-Lab	73.4444, -50.0054, 32.7010

Details

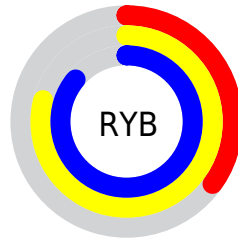
The Hex color **5ADB6D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB5AC8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **97FFA2**, and **00A33A** is the 20% darker color. If you saturate the color by 10%, you get **44DB5A**, and if you desaturate by 10%, it is **70DB80**.

Distribution



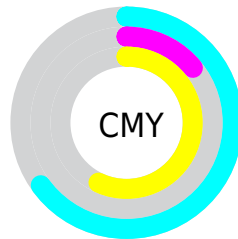
- Red (35%)
- Green (86%)
- Blue (43%)



- Red (35%)
- Yellow (79%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (50%)
- Black (14%)



- Cyan (65%)
- Magenta (14%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ADB6D 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 5ADB6D by changing the saturation by 10% instead.

 5ADB6D

 5ADB6D

FFFFFF

 38BF53

 97FFA2

 00A33A

 B4FFBE

 008820

 D2FFDA

 006D00

 F0FFF7

 005400

 003B00

 002400

 000000

 5ADB6D

 5ADB6D

 44DB5A

 70DB80

 2EDB48

 86DB92

 18DB35

 9CDBA5

 02DB22

 B2DBB8

 00DB20

 C7DBCA

 DDDBDD

 F3DBF0

 FFDBFF

Harmonies

Analogous

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



B2CE39



5ADB6D



00E1B0

Triad

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



5ADB6D



00CEFF



FF8791

Complementary

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



5ADB6D



DB5AC8

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.



FF84D4



5ADB6D



A7B7FF

Square

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



5ADB6D



00DCFF



FF99FF



FF9F56

Rectangle

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



5ADB6D



00E2DF



FF99FF



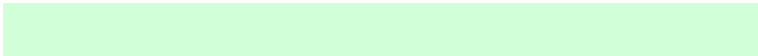
FF83A7

Sweetspot

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



5ADB6D



D1FFD8



CADB5A



638068



000000



808080

Same Dimension

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



5ADB6D



4AFF65



5ADBAC



636E64



00AD1A



002E07

Inverse Universe

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



DB5AC8



FF4AE4



DB5A89



6E636C



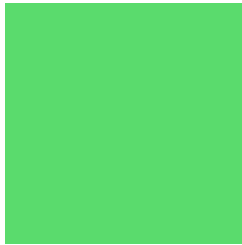
AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 5ADB6D looks on a white background.

Color Contrast Check

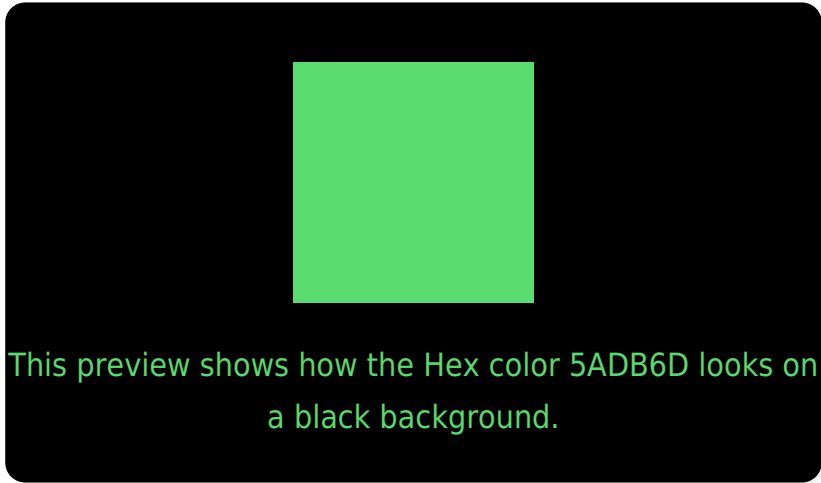
Large Text (above 18pt) WCAG AA × Fail

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

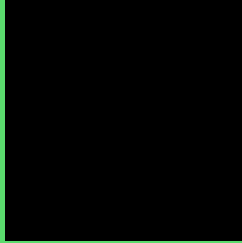
Any Text WCAG AA ✓ Pass

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 5ADB6D Background



This preview shows how black text looks on a background with the Hex color 5ADB6D.

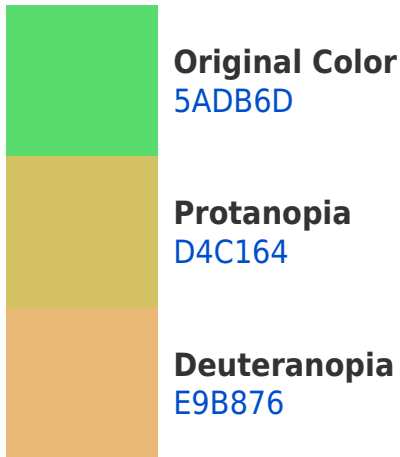


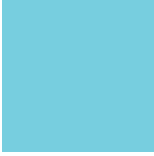
This preview shows how white text looks on a background with the Hex color 5ADB6D.

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
77CEDF

Trichromacy



Original Color
5ADB6D



Protanomaly
A8CA67



Deuteranomaly
B5C573



Tritanomaly
6CD3B6

Monochromacy



Original Color
5ADB6D



Achromatopsia
A8A8A8



Achromatomaly
8CBB93

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ADB6D 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 #5ADB6D looks like.

```
.text, #text, p{  
    color:#5ADB6D  
}
```

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 #5ADB6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ADB6D
}
```

Border

The CSS property to change the border of an element to Hex 5ADB6D 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
#5ADB6D }
```

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

```
.border{ border-color:#5ADB6D }
```

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

Here you see how a box with a 4 pixel #5ADB6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ADB6D; -webkit-box-shadow:4px 4px  
4px 4px #5ADB6D; box-shadow:4px 4px 4px  
4px #5ADB6D }
```

Background

The CSS property to change the background color of an element to Hex 5ADB6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ADB6D }
```

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

```
.background{ background-color:#5ADB6D }
```

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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