

Converting Colors

Hex(5AD873)

Have a look what the booklet for
Hex(5AD873) contains.

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Color

Hex(5AD873)

Conversions

Conversions Part 1

Format	Color
Hex	5AD873
RGB	90, 216, 115
RGB Percent	35%, 85%, 45%
CMY	0.6471, 0.1529, 0.5490
CMYK	0.58, 0.00, 0.47, 0.15
HSL	132°, 62%, 60%
HSV	132°, 58%, 85%
XYZ	31.8668, 52.5232, 24.6781
YIQ	166.8120, -42.6750, -58.1230

Conversions

Conversions Part 2

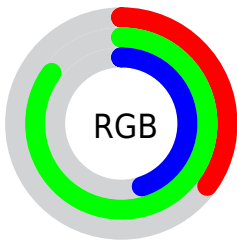
Format	Color
RYB	90, 195, 216
Decimal	5953651
CIELab	77.59, -56.06, 39.43
CIELCh	78, 68.539, 144.884
Yxy	52.5232, 0.2922, 0.4816
Android (android.graphics.Color)	4284143731 (0xFF5AD873)
YUV	166.8120, -25.5433, -67.3641
Hunter-Lab	72.4729, -48.3399, 30.5419

Details

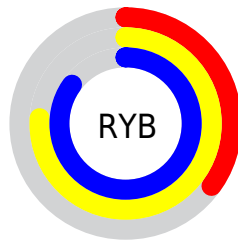
The Hex color **5AD873** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D85ABF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **96FFA8**, and **03A040** is the 20% darker color. If you saturate the color by 10%, you get **44D862**, and if you desaturate by 10%, it is **70D884**.

Distribution



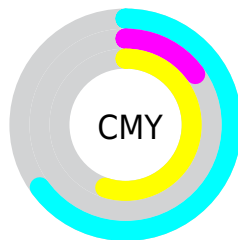
- Red (35%)
- Green (85%)
- Blue (45%)



- Red (35%)
- Yellow (76%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD873 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 5AD873 by changing the saturation by 10% instead.

 5AD873

 5AD873

FFFFFF

 39BC59

 96FFA8

 03A040

 B4FFC4

 008527

 D1FFE0

 006B0C

 EFFFFD

 005100

 003900

 002200

 000000

 5AD873

 5AD873

 44D862

 70D884

 2FD850

 85D896

 19D83F

 9BD8A7

 04D82E

 B0D8B8

 00D82B

 C6D8CA

 DCD8DB

 F1D8EC

 FFD8FE

 FFD8FF

Harmonies

Analogous

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



AECC43



5AD873



00DEB2

Triad

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



5AD873



00CAFF



FF8A8E

Complementary

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



5AD873



D85ABF

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.



FF86CD



5AD873



AEB3FF

Square

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



5AD873



00D8FF



FF99FF



FFA058

Rectangle

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



5AD873



00DFDE



FF99FF



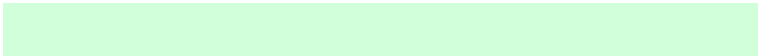
FF86A3

Sweetspot

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



5AD873



D1FFDA



C1D85A



638069



000000



808080

Same Dimension

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



5AD873



4DFF70



5AD8B0



606B63



00AB22



002B09

Inverse Universe

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



D85ABF



FF4DDC



D85A82



6B6069



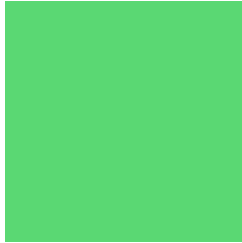
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 5AD873 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 5AD873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

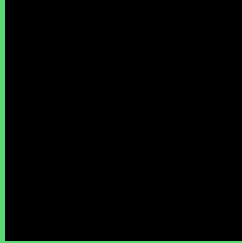
Any Text WCAG AA ✓ Pass

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 5AD873 Background



This preview shows how black text looks on a background with the Hex color 5AD873.

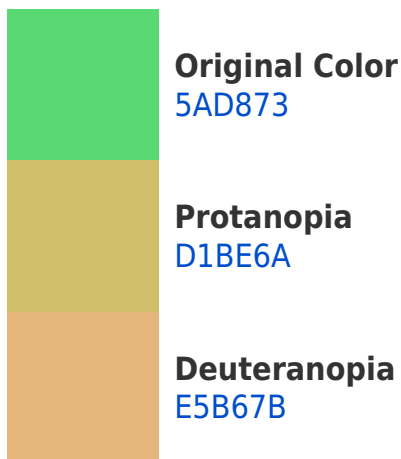


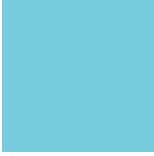
This preview shows how white text looks on a background with the Hex color 5AD873.

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
76CCDD

Trichromacy



Original Color
5AD873



Protanomaly
A6C76D



Deuteranomaly
B2C278



Tritanomaly
6CD0B6

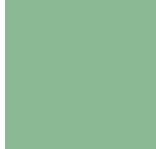
Monochromacy



Original Color
5AD873



Achromatopsia
A7A7A7



Achromatomaly
8BB994

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD873 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 #5AD873 looks like.

```
.text, #text, p{  
    color:#5AD873  
}
```

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 #5AD873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD873
}
```

Border

The CSS property to change the border of an element to Hex 5AD873 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
#5AD873 }
```

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

```
.border{ border-color:#5AD873 }
```

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

Here you see how a box with a 4 pixel #5AD873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD873; -webkit-box-shadow:4px 4px  
4px 4px #5AD873; box-shadow:4px 4px 4px  
4px #5AD873 }
```

Background

The CSS property to change the background color of an element to Hex 5AD873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD873 }
```

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

```
.background{ background-color:#5AD873 }
```

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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