

Converting Colors

Hex(5ACD7A)

Have a look what the booklet for
Hex(5ACD7A) contains.

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Color

Hex(5ACD7A)

Conversions

Conversions Part 1

Format	Color
Hex	5ACD7A
RGB	90, 205, 122
RGB Percent	35%, 80%, 48%
CMY	0.6471, 0.1961, 0.5216
CMYK	0.56, 0.00, 0.40, 0.20
HSL	137°, 53%, 58%
HSV	137°, 56%, 80%
XYZ	29.5606, 47.2414, 25.9729
YIQ	161.1530, -41.8970, -50.1930

Conversions

Conversions Part 2

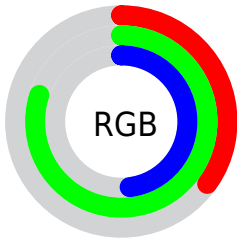
Format	Color
RYB	90, 180, 205
Decimal	5950842
CIELab	74.34, -50.65, 31.73
CIELCh	74, 59.768, 147.936
Yxy	47.2414, 0.2876, 0.4597
Android (android.graphics.Color)	4284140922 (0xFF5ACD7A)
YUV	161.1530, -19.3024, -62.4012
Hunter-Lab	68.7324, -43.5120, 25.7080

Details

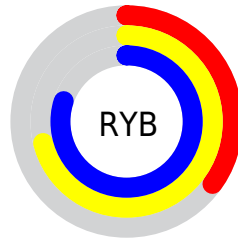
The Hex color **5ACD7A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **CD5AAD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **94FFAF**, and **119648** is the 20% darker color. If you saturate the color by 10%, you get **46CD6B**, and if you desaturate by 10%, it is **6FCD89**.

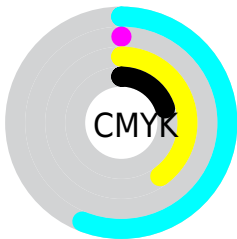
Distribution



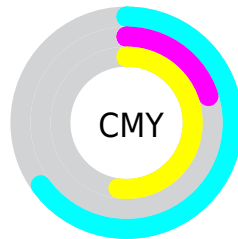
- Red (35%)
- Green (80%)
- Blue (48%)



- Red (35%)
- Yellow (71%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5ACD7A 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 5ACD7A by changing the saturation by 10% instead.

 5ACD7A

 5ACD7A

FFFFFF

 3BB161

 94FFAF

 119648

 B1FFCB

 007B30

 CFFFE7

 006118

 EDFFFF

 004800

 003100

 001800

 000000

 5ACD7A

 5ACD7A

 46CD6B

 6FCD89

 31CD5C

 83CD98

 1DCD4E

 98CDA6

 08CD3F

 ACCDB5

 00CD39

 C1CDC4

 D5CDD3

 EACDE2

 FECDF0

 FFCDFE

Harmonies

Analogous

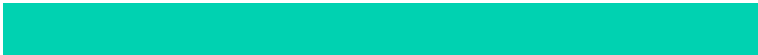
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2C350



5ACD7A



00D2B1

Triad

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



5ACD7A



2DBEFF



FF8C86

Complementary

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



5ACD7A



CD5AAD

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.



FF87BD



5ACD7A



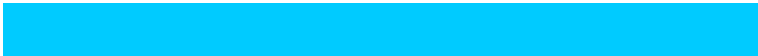
B3AAFF

Square

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



5ACD7A



00CBFF



F794F2



FF9E5A

Rectangle

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



5ACD7A



00D2D7



F794F2



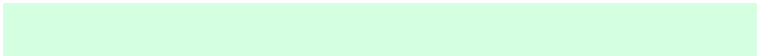
FF8898

Sweetspot

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



5ACD7A



D4FFE0



AECD5A



66806D



000000



808080

Same Dimension

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



5ACD7A



54FF84



5ACDB2



5C665F



00A62E



00260B

Inverse Universe

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



CD5AAD



FF54CF



CD5A75



665C63



A60078



26001C

Previews

White Background



This preview shows how the Hex color 5ACD7A looks on a white background.

Color Contrast Check

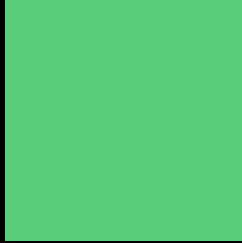
Large Text (above 18pt) WCAG AA × Fail

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 5ACD7A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

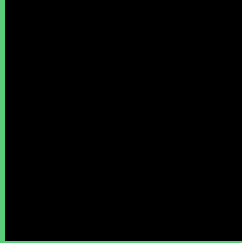
Any Text WCAG AA ✓ Pass

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 5ACD7A Background



This preview shows how black text looks on a background with the Hex color 5ACD7A.

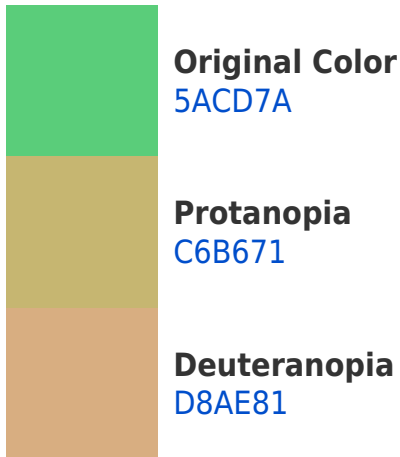


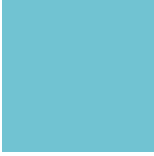
This preview shows how white text looks on a background with the Hex color 5ACD7A.

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
71C3D2

Trichromacy



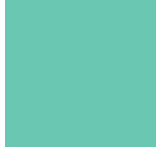
Original Color
5ACD7A



Protanomaly
9FBE74



Deuteranomaly
AAB97E



Tritanomaly
69C7B2

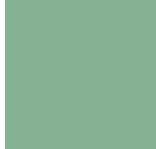
Monochromacy



Original Color
5ACD7A



Achromatopsia
A1A1A1



Achromatomaly
87B193

CSS Examples

Text

The CSS property to change the color of the text to Hex 5ACD7A 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 #5ACD7A looks like.

```
.text, #text, p{  
    color:#5ACD7A  
}
```

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 #5ACD7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ACD7A
}
```

Border

The CSS property to change the border of an element to Hex 5ACD7A 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
#5ACD7A }
```

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

```
.border{ border-color:#5ACD7A }
```

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

Here you see how a box with a 4 pixel #5ACD7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ACD7A; -webkit-box-shadow:4px 4px  
4px 4px #5ACD7A; box-shadow:4px 4px 4px  
4px #5ACD7A }
```

Background

The CSS property to change the background color of an element to Hex 5ACD7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ACD7A }
```

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

```
.background{ background-color:#5ACD7A }
```

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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