

# Converting Colors

Hex(5DAC7A)

Have a look what the booklet for  
Hex(5DAC7A) contains.

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# **Color**

**Hex(5DAC7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAC7A
RGB	93, 172, 122
RGB Percent	36%, 67%, 48%
CMY	0.6353, 0.3255, 0.5216
CMYK	0.46, 0.00, 0.29, 0.33
HSL	142°, 32%, 52%
HSV	142°, 46%, 67%
XYZ	22.7796, 33.2373, 23.6272
YIQ	142.6790, -31.0340, -32.2980

# Conversions

## Conversions Part 2

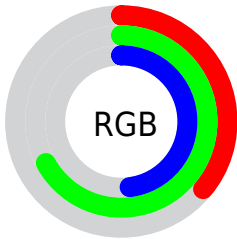
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 151, 172
Decimal	6139002
CIELab	64.35, -35.77, 18.35
CIElCh	64, 40.203, 152.835
Yxy	33.2373, 0.2860, 0.4173
Android (android.graphics.Color)	4284329082 (0xFF5DAC7A)
YUV	142.6790, -10.1947, -43.5685
Hunter-Lab	57.6518, -30.3612, 16.0577

# Details

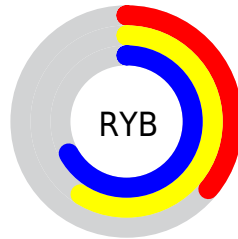
The Hex color **5DAC7A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC5D8F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **93E4AF**, and **267749** is the 20% darker color. If you saturate the color by 10%, you get **4CAC6F**, and if you desaturate by 10%, it is **6EAC85**.

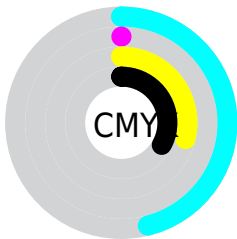
# Distribution



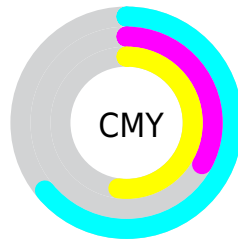
- Red (36%)
- Green (67%)
- Blue (48%)



- Red (36%)
- Yellow (59%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DAC7A 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 5DAC7A by changing the saturation by 10% instead.



 5DAC7A

 5DAC7A

FFFFFF

 429161

 93E4AF

 267749

 AFFFCA

 005E32

 CBFEE6

 00451C

 E8FFFF

 002E05

 001800

 000000

 5DAC7A

 5DAC7A


 4CAC6F

 6EAC85

 3BAC64

 7FAC90

 29AC59

 91AC9B

 18AC4E

 A2ACA6

 07AC44

 B3ACB0

 00AC3F

 C4ACBB

 D5ACC6

 E7ACD1

 F8ACDC

# Harmonies

## Analogous

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



8AA55E



5DAC7A



16AF9E

# Triad

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



5DAC7A



6A9FE3



DF8377

# Complementary

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



5DAC7A



AC5D8F

# 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.



DF7F9A



5DAC7A



A491D8

# Square

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



5DAC7A



00A8DB



CC85BD



CD8E5D

# Rectangle

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



5DAC7A



00AFB7



CC85BD



E18182



# Sweetspot

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



5DAC7A



C1E0CD



8FAC5D



5D7064



F0F0F0



707070



# Same Dimension

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



5DAC7A



65E092



5DACA1



4E5751



009637



001708



# Inverse Universe

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



AC5D8F



E065B3



AC5D68



574E54



96005F



17000F



# Previews

## White Background



This preview shows how the Hex color 5DAC7A looks on a white background.

## Color Contrast Check

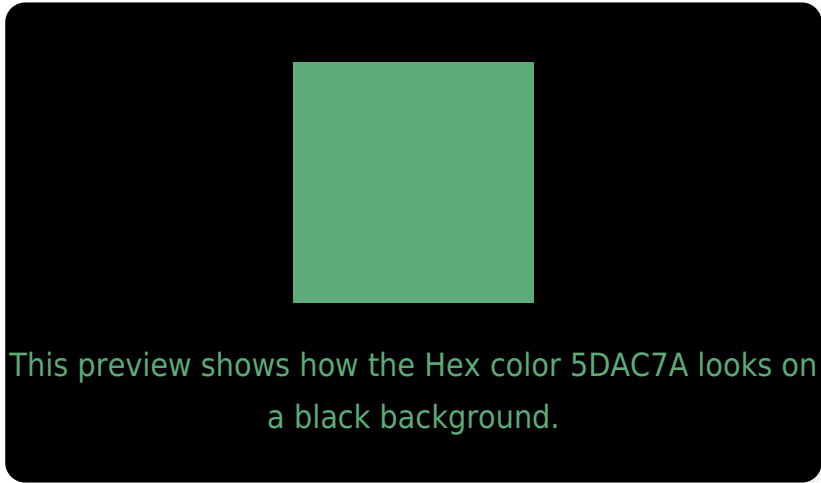
Large Text (above 18pt) WCAG AA × Fail

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 5DAC7A Background



This preview shows how black text looks on a background with the Hex color 5DAC7A.

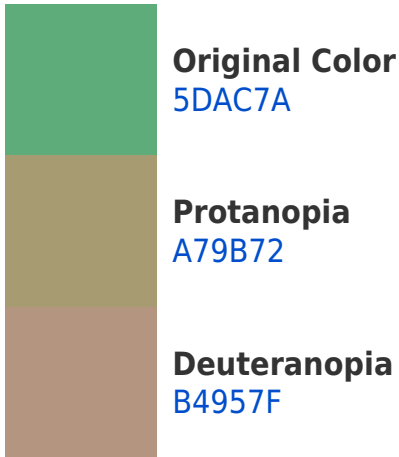


This preview shows how white text looks on a background with the Hex color 5DAC7A.

# 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](#).

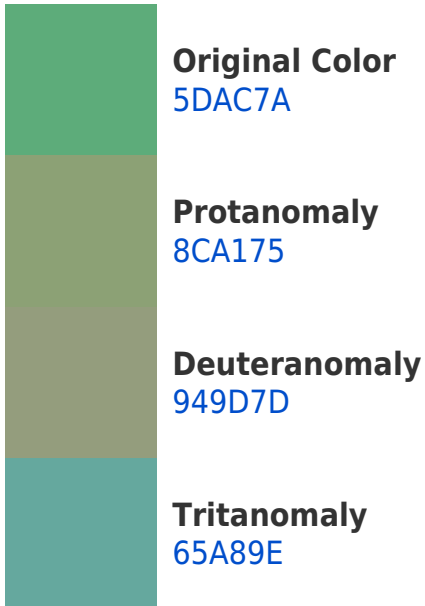
## Dichromacy



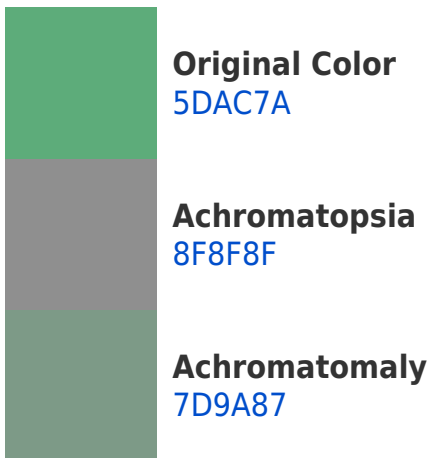


**Tritanopia**  
6AA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DAC7A 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 #5DAC7A looks like.

```
.text, #text, p{  
    color:#5DAC7A  
}
```

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 #5DAC7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAC7A
}
```

## Border

The CSS property to change the border of an element to Hex 5DAC7A 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
#5DAC7A }
```

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

```
.border{ border-color:#5DAC7A }
```

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

Here you see how a box with a 4 pixel #5DAC7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAC7A; -webkit-box-shadow:4px 4px  
4px 4px #5DAC7A; box-shadow:4px 4px 4px  
4px #5DAC7A }
```

# Background

The CSS property to change the background color of an element to Hex 5DAC7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAC7A }
```

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

```
.background{ background-color:#5DAC7A }
```

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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