

Converting Colors

Hex(5DADA7)

Have a look what the booklet for
Hex(5DADA7) contains.

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Color

Hex(5DADA7)

Conversions

Conversions Part 1

Format	Color
Hex	5DADA7
RGB	93, 173, 167
RGB Percent	36%, 68%, 65%
CMY	0.6353, 0.3216, 0.3451
CMYK	0.46, 0.00, 0.03, 0.32
HSL	176°, 33%, 52%
HSV	176°, 46%, 68%
XYZ	26.4328, 35.0043, 41.9226
YIQ	148.3960, -45.7540, -18.8260

Conversions

Conversions Part 2

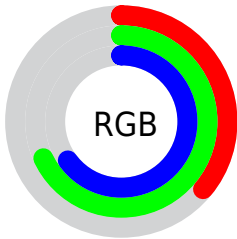
Format	Color
RYB	93, 135, 173
Decimal	6139303
CIELab	65.75, -26.01, -4.55
CIElCh	66, 26.408, 189.915
Yxy	35.0043, 0.2557, 0.3387
Android (android.graphics.Color)	4284329383 (0xFF5DADA7)
YUV	148.3960, 9.1718, -48.5823
Hunter-Lab	59.1644, -23.7896, -0.5964

Details

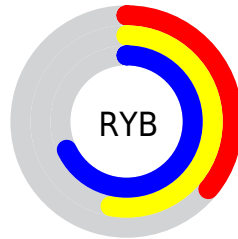
The Hex color **5DADA7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD5D63**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **94E5DE**, and **237873** is the 20% darker color. If you saturate the color by 10%, you get **4CADA6**, and if you desaturate by 10%, it is **6EADA8**.

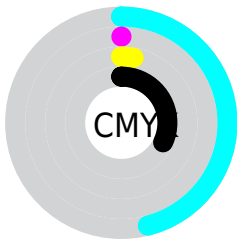
Distribution



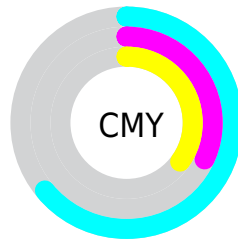
- Red (36%)
- Green (68%)
- Blue (65%)



- Red (36%)
- Yellow (53%)
- Blue (68%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DADA7 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 5DADA7 by changing the saturation by 10% instead.

 5DADA7

 5DADA7

FFFFFF

 41928D

 94E5DE

 237873

 B0FFFB

 005F5B

 CDFFFF

 004743

 EAFFFF

 00302D

 001D18

 000000

 5DADA7

 5DADA7

 4CADA6

 6EADA8

■ 3AADA4

■ 80ADAA

■ 29ADA3

■ 91ADAB

■ 18ADA2

■ A2ADAC

■ 06ADA1

■ B4ADAD

■ 00ADA0

■ C5ADAF

■ D6ADB0

■ E7ADB1

■ F9ADB3

Harmonies

Analogous

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



73AC8F



5DADA7



58ABBD

Triad

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



5DADA7



AD97C4



BF9974

Complementary

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



5DADA7



AD5D63

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.



CD9282



5DADA7



C490B1

Square

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



5DADA7



8D9FCE



CF8E99



A9A171

Rectangle

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



5DADA7



63A8C8



CF8E99



C49678

Sweetspot

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



5DADA7



C1E0DE



64AD5D



5D706F



F0F0F0



707070

Same Dimension

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



5DADA7



65E0D7



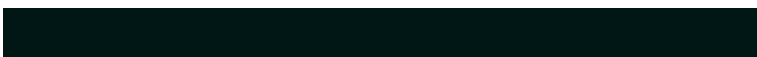
5D8CAD



4E5756



00968B



001715

Inverse Universe

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



AD5D63



E0656E



AD7E5D



574E4F



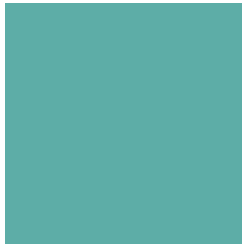
96000B



170002

Previews

White Background



This preview shows how the Hex color 5DADA7 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 5DADA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

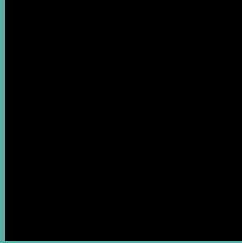
Any Text WCAG AA ✓ Pass

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 5DADA7 Background



This preview shows how black text looks on a background with the Hex color 5DADA7.

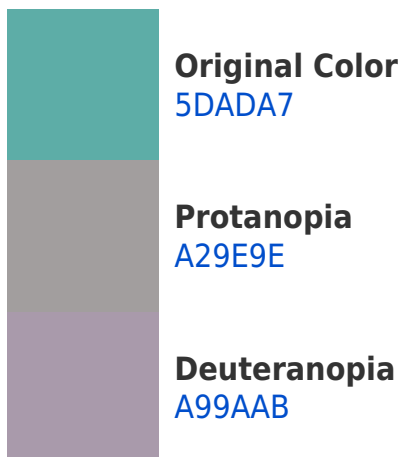


This preview shows how white text looks on a background with the Hex color 5DADA7.

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](#).

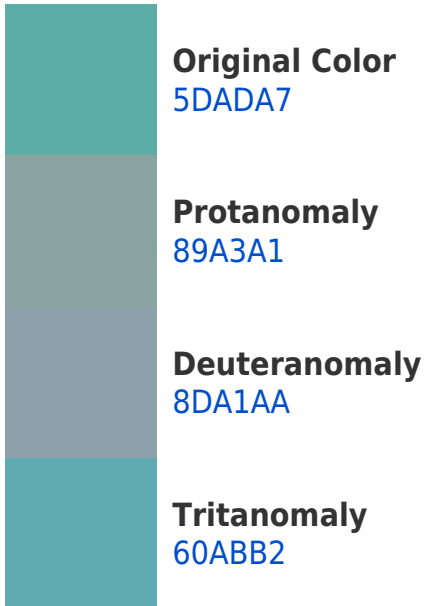
Dichromacy



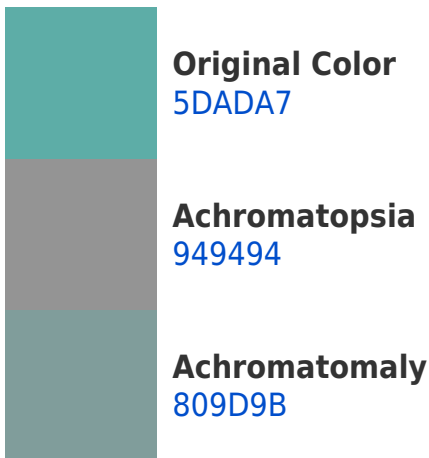


Tritanopia
62AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DADA7 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 #5DADA7 looks like.

```
.text, #text, p{  
    color:#5DADA7  
}
```

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 #5DADA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DADA7
}
```

Border

The CSS property to change the border of an element to Hex 5DADA7 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
#5DADA7 }
```

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

```
.border{ border-color:#5DADA7 }
```

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

Here you see how a box with a 4 pixel #5DADA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DADA7; -webkit-box-shadow:4px 4px  
4px 4px #5DADA7; box-shadow:4px 4px 4px  
4px #5DADA7 }
```

Background

The CSS property to change the background color of an element to Hex 5DADA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DADA7 }
```

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

```
.background{ background-color:#5DADA7 }
```

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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