

# Converting Colors

Hex(59DAA7)

Have a look what the booklet for  
Hex(59DAA7) contains.

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**Color**

**Hex(59DAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59DAA7
RGB	89, 218, 167
RGB Percent	35%, 85%, 65%
CMY	0.6510, 0.1451, 0.3451
CMYK	0.59, 0.00, 0.23, 0.15
HSL	156°, 64%, 60%
HSV	156°, 59%, 85%
XYZ	36.1663, 55.0567, 45.2801
YIQ	173.6150, -60.5130, -43.2090

# Conversions

## Conversions Part 2

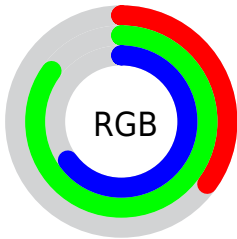
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 169, 218
Decimal	5888679
CIELab	79.07, -47.48, 14.64
CIELCh	79, 49.687, 162.867
Yxy	55.0567, 0.2649, 0.4033
Android (android.graphics.Color)	4284078759 (0xFF59DAA7)
YUV	173.6150, -3.2612, -74.2074
Hunter-Lab	74.2002, -42.8468, 15.7589

# Details

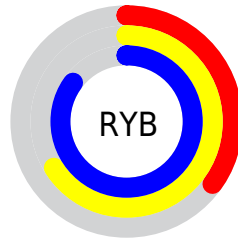
The Hex color **59DAA7** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DA598C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **95FFDE**, and **00A273** is the 20% darker color. If you saturate the color by 10%, you get **43DA9E**, and if you desaturate by 10%, it is **6FDAB0**.

# Distribution



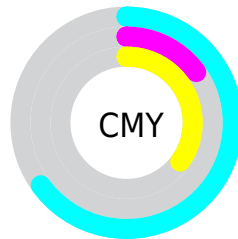
- Red (35%)
- Green (85%)
- Blue (65%)



- Red (35%)
- Yellow (66%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59DAA7 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 59DAA7 by changing the saturation by 10% instead.



 59DAA7

 59DAA7

FFFFFF

 38BE8D

 95FFDE

 00A273

 B3FFFB

 00875A

 D1FFFF

 006D43

 EFFFFFFF

 00542C

 003B17

 002600

 000000

 59DAA7

 59DAA7

 43DA9E

 6FDAB0

 2DDA96

 85DAB8

 18DA8D

 9ADAC1

 02DA85

 B0DAC9

 00DA84

 C6DAD2

 DCDADB

 F2DAE3

 FFDAEC

 FFDAF5

# Harmonies

## Analogous

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



9AD37E



59DAA7



00DCD7

# Triad

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



59DAA7



9EC2FF



FFA887

# Complementary

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



59DAA7



DA598C

# 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.



FF9EB1



59DAA7



E2B0FF

# Square

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



59DAA7



33D0FF



FFA2E0



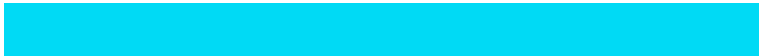
F7B86B

# Rectangle

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



59DAA7



00DAF5



FFA2E0



FFA494

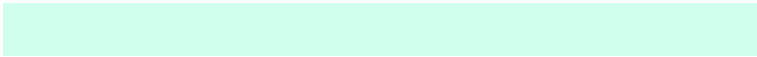


# Sweetspot

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



59DAA7



D1FFED



8DDA59



638074



000000



808080



# Same Dimension

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



59DAA7



4AFFB7



59CDDA



636E69



00AD69



002E1C



# Inverse Universe

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



DA598C



FF4A92



DA6659



6E6367



AD0045

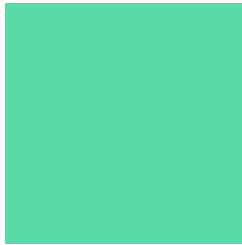


2E0012



# Previews

## White Background



This preview shows how the Hex color 59DAA7 looks on a white background.

## Color Contrast Check

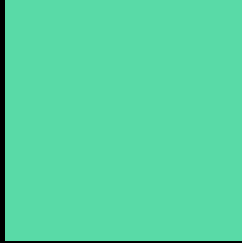
Large Text (above 18pt) WCAG AA × Fail

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 59DAA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

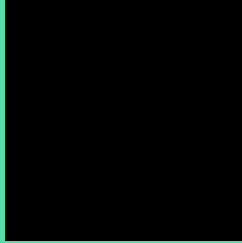
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

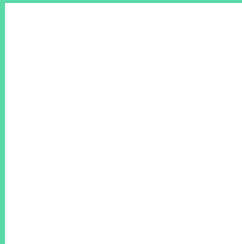
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59DAA7 Background



This preview shows how black text looks on a background with the Hex color 59DAA7.

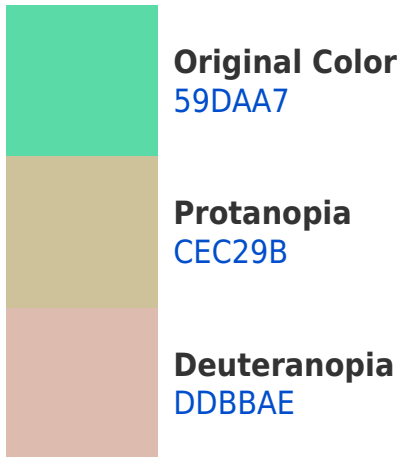


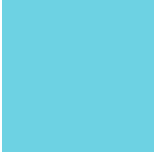
This preview shows how white text looks on a background with the Hex color 59DAA7.

# 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](#).

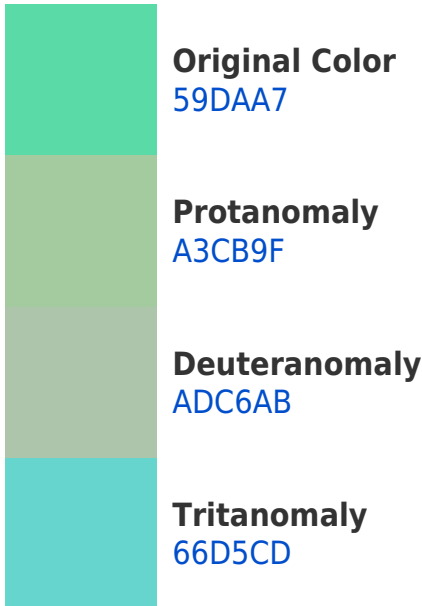
## Dichromacy



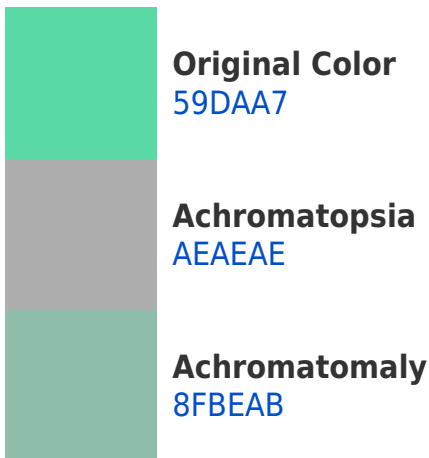


**Tritanopia**  
6DD2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59DAA7 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 #59DAA7 looks like.

```
.text, #text, p{  
    color:#59DAA7  
}
```

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 #59DAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DAA7
}
```

## Border

The CSS property to change the border of an element to Hex 59DAA7 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
#59DAA7 }
```

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

```
.border{ border-color:#59DAA7 }
```

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

Here you see how a box with a 4 pixel #59DAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DAA7; -webkit-box-shadow:4px 4px  
4px 4px #59DAA7; box-shadow:4px 4px 4px  
4px #59DAA7 }
```

# Background

The CSS property to change the background color of an element to Hex 59DAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DAA7 }
```

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

```
.background{ background-color:#59DAA7 }
```

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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