

# Converting Colors

Hex(5AD09D)

Have a look what the booklet for  
Hex(5AD09D) contains.

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**Color**

**Hex(5AD09D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD09D
RGB	90, 208, 157
RGB Percent	35%, 82%, 62%
CMY	0.6471, 0.1843, 0.3843
CMYK	0.57, 0.00, 0.25, 0.18
HSL	154°, 56%, 58%
HSV	154°, 57%, 82%
XYZ	32.8581, 49.7197, 39.7634
YIQ	166.9040, -53.9570, -40.8770

# Conversions

## Conversions Part 2

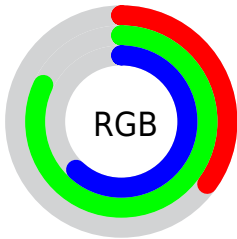
Format	Color
<a href="#">RYB</a>	<a href="#">90, 165, 208</a>
Decimal	<a href="#">5951645</a>
CIELab	<a href="#">75.90, -45.19, 15.49</a>
CIELCh	<a href="#">76, 47.770, 161.084</a>
Yxy	<a href="#">49.7197, 0.2686, 0.4064</a>
Android (android.graphics.Color)	<a href="#">4284141725 (0xFF5AD09D)</a>
YUV	<a href="#">166.9040, -4.8827, -67.4448</a>
Hunter-Lab	<a href="#">70.5122, -40.2168, 15.9237</a>

# Details

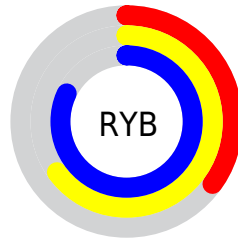
The Hex color **5AD09D** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D05A8D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **95FFD4**, and **0E996A** is the 20% darker color. If you saturate the color by 10%, you get **45D094**, and if you desaturate by 10%, it is **6FD0A6**.

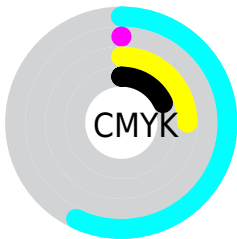
# Distribution



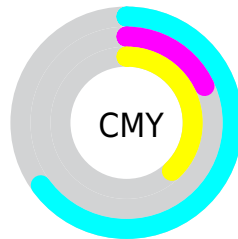
- Red (35%)
- Green (82%)
- Blue (62%)



- Red (35%)
- Yellow (65%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AD09D 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 5AD09D by changing the saturation by 10% instead.



 5AD09D

 5AD09D

FFFFFF

 3AB483

 95FFD4

 0E996A

 B2FFF0

 007E51

 CFFFFFF

 00643A

 EDFFFF

 004B24

 00340F

 001D00

 000000

 5AD09D

 5AD09D

 45D094

 6FD0A6

 30D08B

 84D0AF

 1CD082

 98D0B8

 07D079

 ADD0C1

 00D076

 C2D0CA

 D7D0D3

 ECD0DC

 FFD0E5

 FFD0EE

# Harmonies

## Analogous

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



96C977



5AD09D



00D2CB

# Triad

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



5AD09D



92BAFF



FFA083

# Complementary

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



5AD09D



D05A8D

# 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.



FF97AC



5AD09D



D5A9FE

# Square

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



5AD09D



28C7FF



FF9BD9



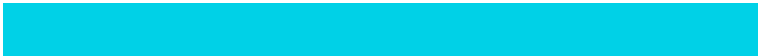
EAAF68

# Rectangle

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



5AD09D



00D1E7



FF9BD9



FF9C90

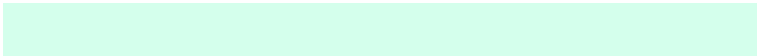


# Sweetspot

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



5AD09D



D4FFEC



8DD05A



668074



000000



808080



# Same Dimension

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



5AD09D



52FFB4



5AC8D0



5E6964



00A860



002917



# Inverse Universe

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



D05A8D



FF529D



D0625A



695E63



A80049

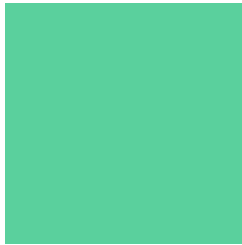


290012



# Previews

## White Background



This preview shows how the Hex color 5AD09D 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 5AD09D 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 5AD09D Background



This preview shows how black text looks on a background with the Hex color 5AD09D.

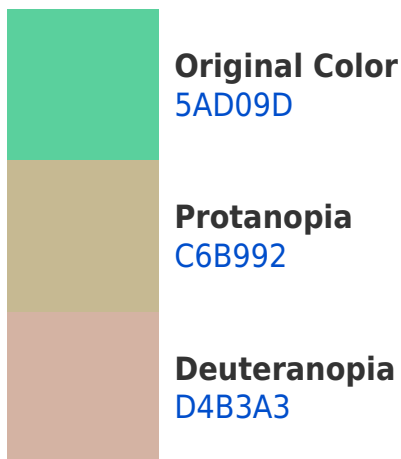


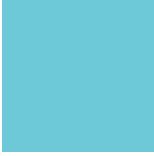
This preview shows how white text looks on a background with the Hex color 5AD09D.

# 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**  
6DC8D8

# Trichromacy



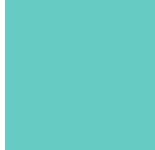
**Original Color**  
5AD09D



**Protanomaly**  
9FC196



**Deuteranomaly**  
A8BEA1

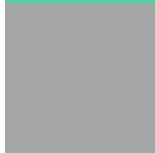


**Tritanomaly**  
66CBC3

# Monochromacy



**Original Color**  
5AD09D



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
8BB6A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AD09D 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 #5AD09D looks like.

```
.text, #text, p{  
    color:#5AD09D  
}
```

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 #5AD09D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD09D
}
```

## Border

The CSS property to change the border of an element to Hex 5AD09D 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
#5AD09D }
```

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

```
.border{ border-color:#5AD09D }
```

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

Here you see how a box with a 4 pixel #5AD09D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD09D; -webkit-box-shadow:4px 4px  
4px 4px #5AD09D; box-shadow:4px 4px 4px  
4px #5AD09D }
```

# Background

The CSS property to change the background color of an element to Hex 5AD09D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD09D }
```

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

```
.background{ background-color:#5AD09D }
```

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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