

Converting Colors

Hex(5AA98F)

Have a look what the booklet for
Hex(5AA98F) contains.

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Color

Hex(5AA98F)

Conversions

Conversions Part 1

Format	Color
Hex	5AA98F
RGB	90, 169, 143
RGB Percent	35%, 66%, 56%
CMY	0.6471, 0.3373, 0.4392
CMYK	0.47, 0.00, 0.15, 0.34
HSL	160°, 31%, 51%
HSV	160°, 47%, 66%
XYZ	23.3623, 32.5328, 31.0347
YIQ	142.4150, -38.7380, -24.8340

Conversions

Conversions Part 2

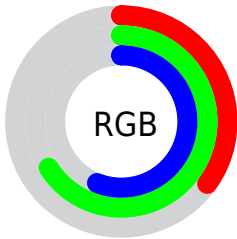
Format	Color
RYB	90, 137, 169
Decimal	5941647
CIELab	63.78, -30.68, 5.93
CIELCh	64, 31.245, 169.056
Yxy	32.5328, 0.2687, 0.3742
Android (android.graphics.Color)	4284131727 (0xFF5AA98F)
YUV	142.4150, 0.2884, -45.9680
Hunter-Lab	57.0375, -26.7027, 7.6659

Details

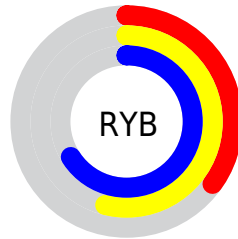
The Hex color **5AA98F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95A74**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **90E1C5**, and **22745D** is the 20% darker color. If you saturate the color by 10%, you get **49A989**, and if you desaturate by 10%, it is **6BA995**.

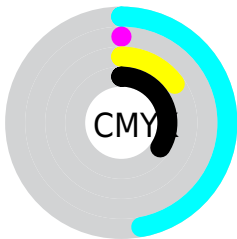
Distribution



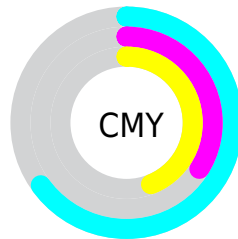
- Red (35%)
- Green (66%)
- Blue (56%)



- Red (35%)
- Yellow (54%)
- Blue (66%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (65%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA98F 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 5AA98F by changing the saturation by 10% instead.



5AA98F



5AA98F

FFFFFF



3F8E75



90E1C5



22745D



ACFDE1



005B45



C9FFFD



00432F



E6FFFF



002C1A



001600



000000



5AA98F



5AA98F



49A989



6BA995

 38A984

 7CA99A

 27A97E

 8DA9A0

 16A979

 9EA9A5

 05A973

 AEA9AB

 00A971

 BFA9B0

 D0A9B6

 E1A9BB

 F2A9C1

Harmonies

Analogous

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



7CA575



5AA98F



3DAAAC

Triad

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



5AA98F



9097CF



CA8C72

Complementary

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



5AA98F



A95A74

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.



D2868A



5AA98F



B48DBF

Square

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



5AA98F



64A0D1



CB86A6



B79564

Rectangle

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



5AA98F



39A8BD



CB86A6



CE8979

Sweetspot

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



5AA98F



BDDBD1



74A95A



5B6E68



EDEDED



6E6E6E

Same Dimension

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



5AA98F



60DBB3



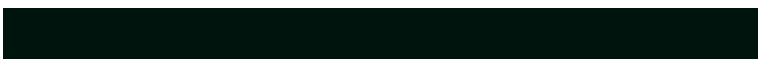
5A9CA9



4C5451



009463



00140E

Inverse Universe

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



A95A74



DB6089



A9675A



544C4F



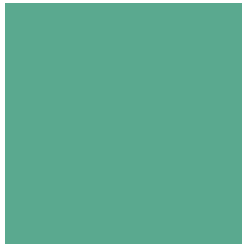
940031



140007

Previews

White Background



This preview shows how the Hex color 5AA98F looks on a white background.

Color Contrast Check

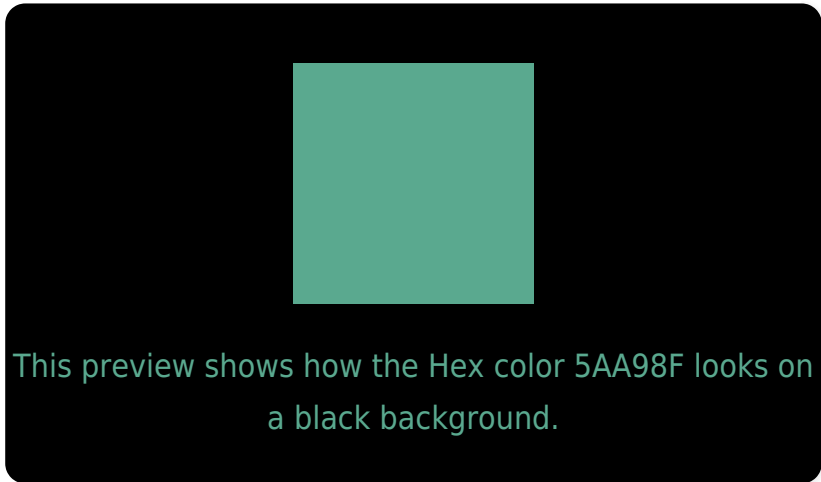
Large Text (above 18pt) WCAG AA × Fail

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

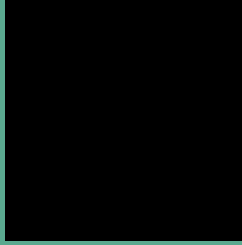
Any Text WCAG AA ✓ Pass

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 5AA98F Background



This preview shows how black text looks on a background with the Hex color 5AA98F.

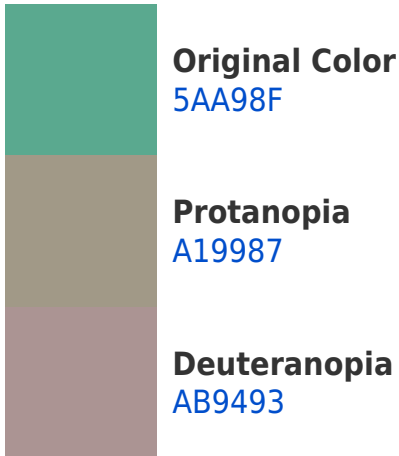


This preview shows how white text looks on a background with the Hex color 5AA98F.

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](#).

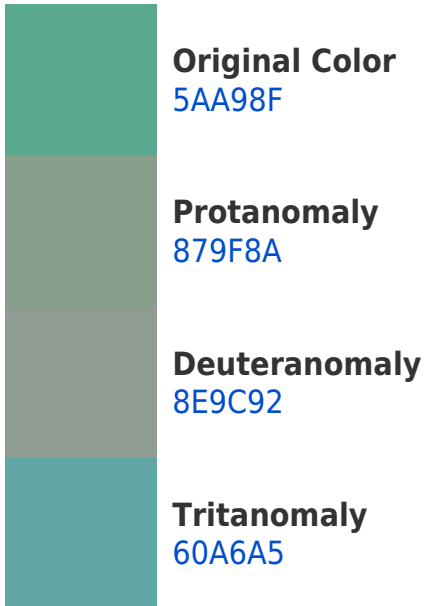
Dichromacy



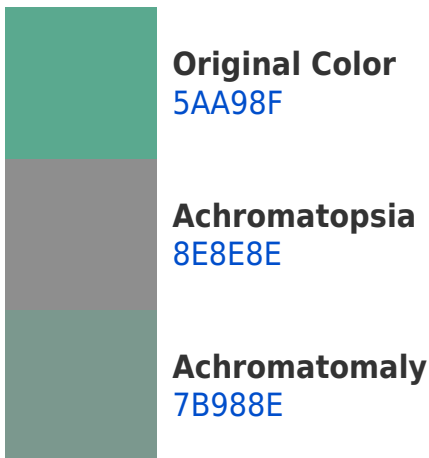


Tritanopia
64A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA98F 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 #5AA98F looks like.

```
.text, #text, p{  
    color:#5AA98F  
}
```

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 #5AA98F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA98F
}
```

Border

The CSS property to change the border of an element to Hex 5AA98F 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
#5AA98F }
```

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

```
.border{ border-color:#5AA98F }
```

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

Here you see how a box with a 4 pixel #5AA98F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA98F; -webkit-box-shadow:4px 4px  
4px 4px #5AA98F; box-shadow:4px 4px 4px  
4px #5AA98F }
```

Background

The CSS property to change the background color of an element to Hex 5AA98F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA98F }
```

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

```
.background{ background-color:#5AA98F }
```

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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