

Converting Colors

Hex(5FA995)

Have a look what the booklet for
Hex(5FA995) contains.

Hex(5FA995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FA995)

Conversions

Conversions Part 1

Format	Color
Hex	5FA995
RGB	95, 169, 149
RGB Percent	37%, 66%, 58%
CMY	0.6275, 0.3373, 0.4157
CMYK	0.44, 0.00, 0.12, 0.34
HSL	164°, 30%, 52%
HSV	164°, 44%, 66%
XYZ	24.3321, 32.9788, 33.5169
YIQ	144.5940, -37.6840, -21.9080

Conversions

Conversions Part 2

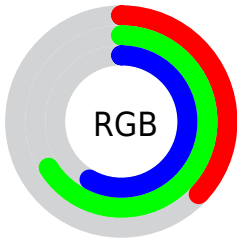
Format	Color
RYB	95, 138, 169
Decimal	6269333
CIELab	64.14, -27.97, 3.14
CIELCh	64, 28.142, 173.598
Yxy	32.9788, 0.2679, 0.3631
Android (android.graphics.Color)	4284459413 (0xFF5FA995)
YUV	144.5940, 2.1722, -43.4939
Hunter-Lab	57.4271, -24.8663, 5.5949

Details

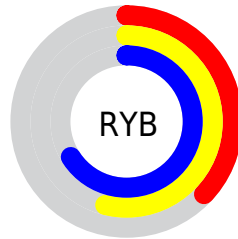
The Hex color **5FA995** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95F73**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **95E1CB**, and **287462** is the 20% darker color. If you saturate the color by 10%, you get **4EA990**, and if you desaturate by 10%, it is **70A99A**.

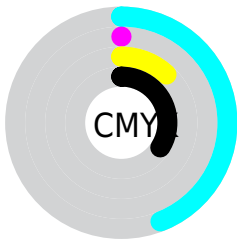
Distribution



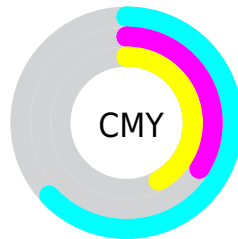
- Red (37%)
- Green (66%)
- Blue (58%)



- Red (37%)
- Yellow (54%)
- Blue (66%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



- Cyan (63%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FA995 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 5FA995 by changing the saturation by 10% instead.

 5FA995

 5FA995

FFFFFF

 448E7B

 95E1CB

 287462

 B1FDE7

 035B4B

 CDFFFF

 004334

 EAFFFF

 002D1F

 001707

 000000

 5FA995

 5FA995

 4EA990

 70A99A

 3DA98C

 81A99E

 2CA987

 92A9A3

 1BA983

 A3A9A7

 0BA97E

 B3A9AC

 00A97B

 C4A9B0

 D5A9B5

 E6A9BA

 F7A9BE

Harmonies

Analogous

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



7CA67D



5FA995



4CA9AF

Triad

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



5FA995



9897C9



C59074

Complementary

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



5FA995



A95F73

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.



CE8A89



5FA995



B68EBA

Square

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



5FA995



739FCD



C989A2



B2986A

Rectangle

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



5FA995



4DA7BD



C989A2



C98D7A

Sweetspot

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



5FA995



BFDBD4



74A95F



5C6E69



EDEDED



6E6E6E

Same Dimension

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



5FA995



67DBBC



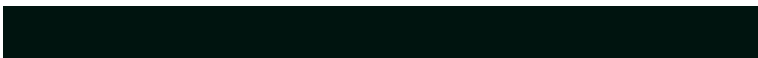
5F99A9



4C5452



00946C



00140F

Inverse Universe

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



A95F73



DB6786



A96F5F



544C4E



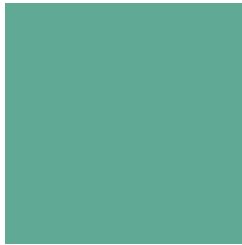
940028



140006

Previews

White Background



This preview shows how the Hex color 5FA995 looks on a white background.

Color Contrast Check

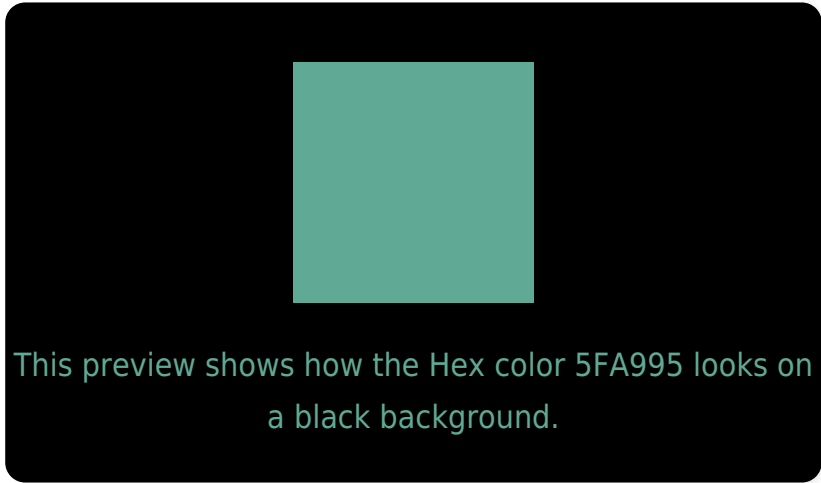
Large Text (above 18pt) WCAG AA × Fail

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

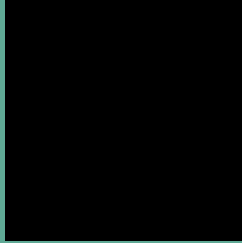
Any Text WCAG AA ✓ Pass

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 5FA995 Background



This preview shows how black text looks on a background with the Hex color 5FA995.

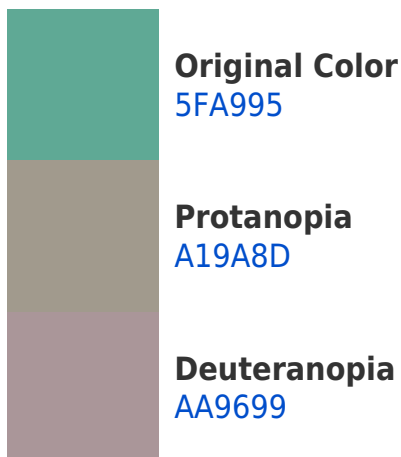


This preview shows how white text looks on a background with the Hex color 5FA995.

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
67A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FA995 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 #5FA995 looks like.

```
.text, #text, p{  
    color:#5FA995  
}
```

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 #5FA995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA995
}
```

Border

The CSS property to change the border of an element to Hex 5FA995 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
#5FA995 }
```

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

```
.border{ border-color:#5FA995 }
```

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

Here you see how a box with a 4 pixel #5FA995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA995; -webkit-box-shadow:4px 4px  
4px 4px #5FA995; box-shadow:4px 4px 4px  
4px #5FA995 }
```

Background

The CSS property to change the background color of an element to Hex 5FA995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA995 }
```

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

```
.background{ background-color:#5FA995 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor