

Converting Colors

Hex(5FAD93)

Have a look what the booklet for
Hex(5FAD93) contains.

Hex(5FAD93)	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(5FAD93)

Conversions

Conversions Part 1

Format	Color
Hex	5FAD93
RGB	95, 173, 147
RGB Percent	37%, 68%, 58%
CMY	0.6275, 0.3216, 0.4235
CMYK	0.45, 0.00, 0.15, 0.32
HSL	160°, 32%, 53%
HSV	160°, 45%, 68%
XYZ	24.9293, 34.4266, 32.9349
YIQ	146.7140, -38.1420, -24.6220

Conversions

Conversions Part 2

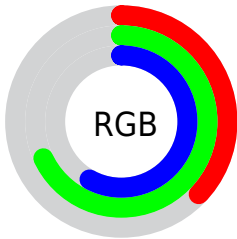
Format	Color
RYB	95, 142, 173
Decimal	6270355
CIELab	65.30, -30.37, 5.92
CIELCh	65, 30.944, 168.975
Yxy	34.4266, 0.2701, 0.3730
Android (android.graphics.Color)	4284460435 (0xFF5FAD93)
YUV	146.7140, 0.1410, -45.3532
Hunter-Lab	58.6742, -26.8392, 7.7914

Details

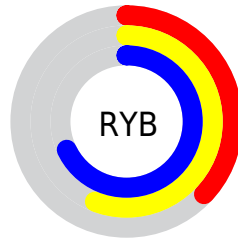
The Hex color **5FAD93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD5F79**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **95E5C9**, and **287860** is the 20% darker color. If you saturate the color by 10%, you get **4EAD8D**, and if you desaturate by 10%, it is **70AD99**.

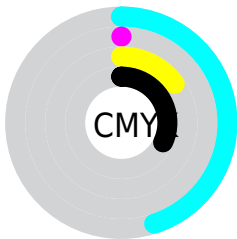
Distribution



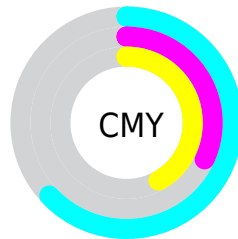
- Red (37%)
- Green (68%)
- Blue (58%)



- Red (37%)
- Yellow (56%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (32%)



- Cyan (63%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FAD93 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 5FAD93 by changing the saturation by 10% instead.

 5FAD93

 5FAD93

FFFFFF

 449279

 95E5C9

 287860

 B1FFE5

 005F49

 CEFFFF

 004732

 EBFFFF

 00301D

 001B04

 000000

 5FAD93

 5FAD93

 4EAD8D

 70AD99

 3CAD87

 82AD9F

 2BAD82

 93ADA4

 1AAD7C

 A4ADAA

 08AD76

 B5ADB0

 00AD73

 C7ADB6

 D8ADBB

 E9ADC1

 FBADC7

Harmonies

Analogous

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



80A979



5FAD93



44AEB0

Triad

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



5FAD93



949BD3



CE9076

Complementary

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



5FAD93



AD5F79

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.



D68A8E



5FAD93



B891C3

Square

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



5FAD93



69A4D4



CE8BAA



BB9968

Rectangle

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



5FAD93



40ACC0



CE8BAA



D28E7D

Sweetspot

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



5FAD93



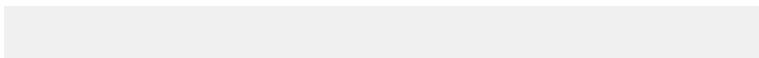
C1E0D6



79AD5F



5D706A



F0F0F0



707070

Same Dimension

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



5FAD93



67E0B8



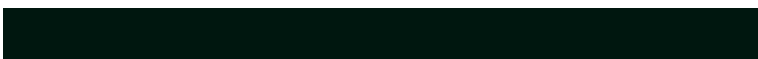
5FA0AD



4E5754



009664



00170F

Inverse Universe

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



AD5F79



E06790



AD6C5F



574E51



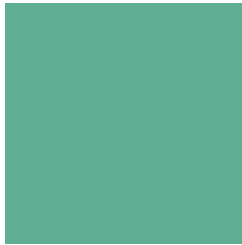
960032



170008

Previews

White Background



This preview shows how the Hex color 5FAD93 looks on a white background.

Color Contrast Check

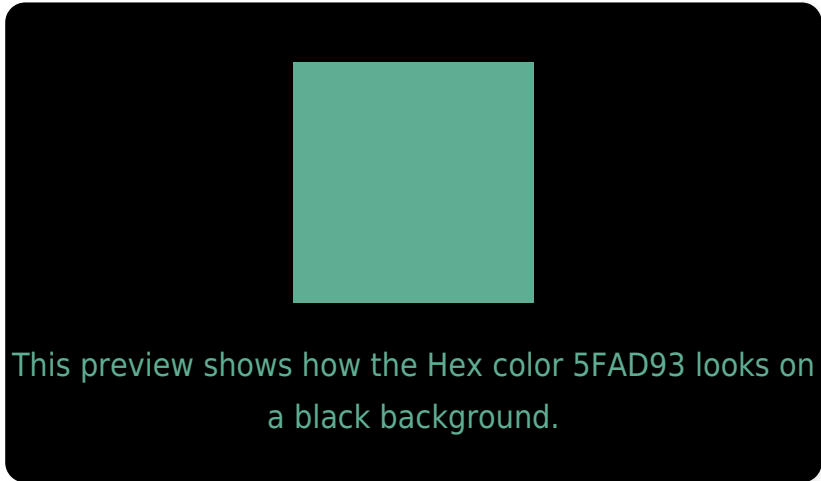
Large Text (above 18pt) WCAG AA × Fail

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

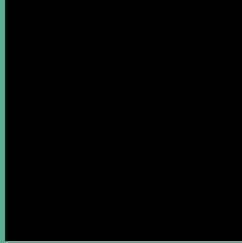
Any Text WCAG AA ✓ Pass

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 5FAD93 Background



This preview shows how black text looks on a background with the Hex color 5FAD93.

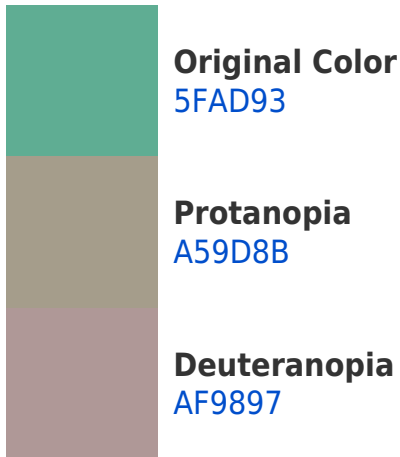


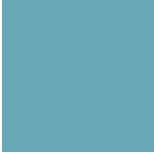
This preview shows how white text looks on a background with the Hex color 5FAD93.

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](#).

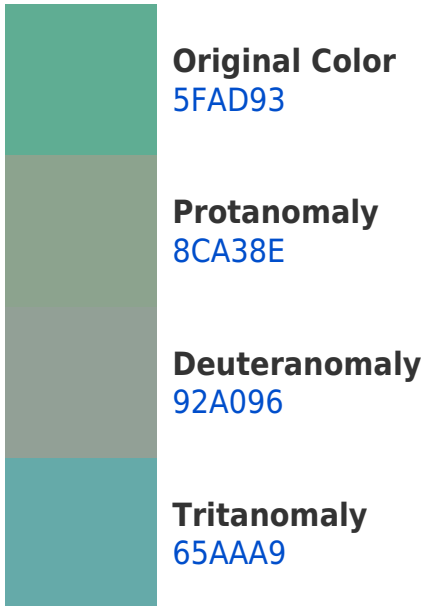
Dichromacy



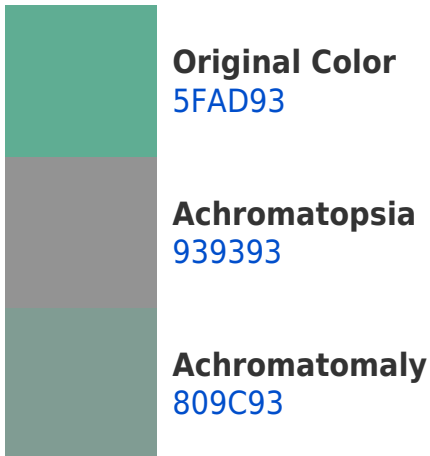


Tritanopia
68A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FAD93 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 #5FAD93 looks like.

```
.text, #text, p{  
    color:#5FAD93  
}
```

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 #5FAD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FAD93
}
```

Border

The CSS property to change the border of an element to Hex 5FAD93 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
#5FAD93 }
```

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

```
.border{ border-color:#5FAD93 }
```

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

Here you see how a box with a 4 pixel #5FAD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FAD93; -webkit-box-shadow:4px 4px  
4px 4px #5FAD93; box-shadow:4px 4px 4px  
4px #5FAD93 }
```

Background

The CSS property to change the background color of an element to Hex 5FAD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FAD93 }
```

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

```
.background{ background-color:#5FAD93 }
```

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