

# Converting Colors

Hex(4FB993)

Have a look what the booklet for  
Hex(4FB993) contains.

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**Color**

**Hex(4FB993)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB993
RGB	79, 185, 147
RGB Percent	31%, 73%, 58%
CMY	0.6902, 0.2745, 0.4235
CMYK	0.57, 0.00, 0.21, 0.27
HSL	158°, 43%, 52%
HSV	158°, 57%, 73%
XYZ	25.8399, 38.4668, 33.6667
YIQ	148.9740, -50.9780, -34.2900

# Conversions

## Conversions Part 2

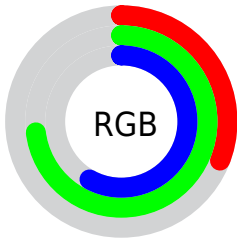
Format	Color
<a href="#">RYB</a>	<a href="#">79, 144, 185</a>
Decimal	<a href="#">5224851</a>
CIELab	<a href="#">68.36, -39.73, 10.21</a>
CIELCh	<a href="#">68, 41.019, 165.584</a>
Yxy	<a href="#">38.4668, 0.2637, 0.3926</a>
Android (android.graphics.Color)	<a href="#">4283414931 (0xFF4FB993)</a>
YUV	<a href="#">148.9740, -0.9732, -61.3672</a>
Hunter-Lab	<a href="#">62.0216, -34.1698, 11.2312</a>

# Details

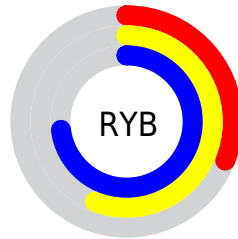
The Hex color **4FB993** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B94F75**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **89F2C9**, and **008360** is the 20% darker color. If you saturate the color by 10%, you get **3DB98C**, and if you desaturate by 10%, it is **62B99A**.

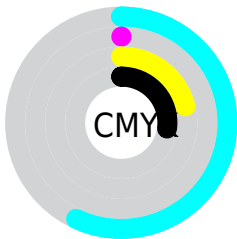
# Distribution



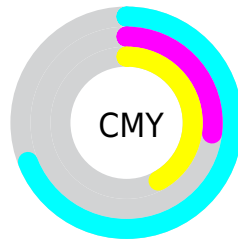
- Red (31%)
- Green (73%)
- Blue (58%)



- Red (31%)
- Yellow (56%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)



- Cyan (69%)
- Magenta (27%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FB993 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 4FB993 by changing the saturation by 10% instead.





4FB993



4FB993

FFFFFF



309E79



89F2C9



008360



A5FFE5



006949



C2FFFF



005032



E0FFFF



00381D



FDFFFF



002404



000000



4FB993



4FB993



3DB98C



62B99A

 2AB986

 74B9A0

 18B97F

 87B9A7

 05B978

 99B9AE

 00B977

 ACB9B4

 BEB9BB

 D1B9C1

 E3B9C8

 F5B9CF

# Harmonies

## Analogous

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



82B471



4FB993



00BAB9

# Triad

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



4FB993



8FA4EE



E69273

# Complementary

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



4FB993



B94F75

# 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.



EE8A95



4FB993



C396DB

# Square

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



4FB993



48B0EE



E38BBA



CE9E5F

# Rectangle

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



4FB993



00B9D1



E38BBA



EB8E7D



# Sweetspot

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



4FB993



C7F0E1



76B94F



60786F



F7F7F7



787878



# Same Dimension

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



4FB993



4AF0B4



4FABB9



535C59



009C64



001C12



# Inverse Universe

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



B94F75



F04A86



B95D4F



5C5356



9C0038

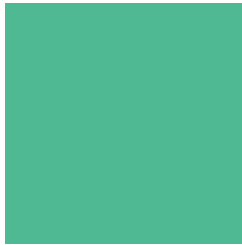


1C000A



# Previews

## White Background



This preview shows how the Hex color 4FB993 looks on a white background.

## Color Contrast Check

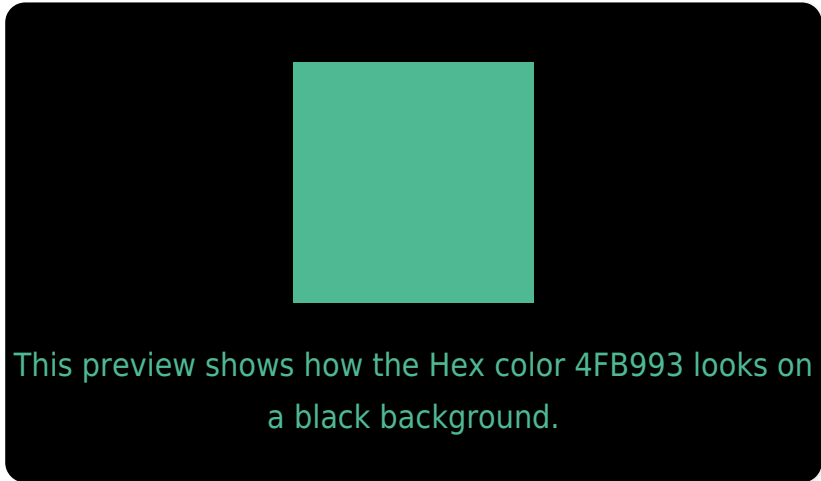
Large Text (above 18pt) WCAG AA × Fail

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

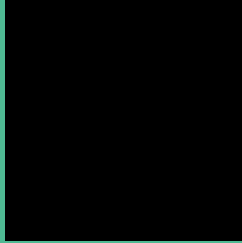
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FB993 Background



This preview shows how black text looks on a background with the Hex color 4FB993.

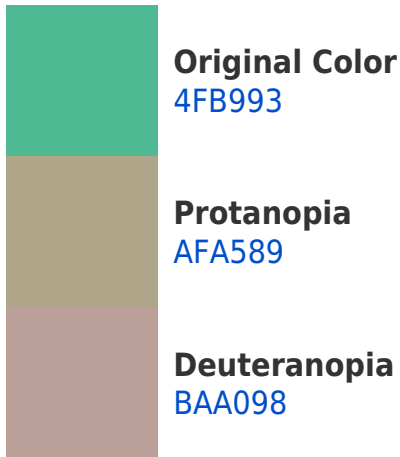


This preview shows how white text looks on a background with the Hex color 4FB993.

# 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**  
5EB3C1

# Trichromacy



**Original Color**  
4FB993



**Protanomaly**  
8CAC8D



**Deuteranomaly**  
93A996



**Tritanomaly**  
59B5B0

# Monochromacy



**Original Color**  
4FB993



**Achromatopsia**  
959595



**Achromatomaly**  
7CA294

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FB993 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 #4FB993 looks like.

```
.text, #text, p{  
    color:#4FB993  
}
```

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 #4FB993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB993  
}
```

## Border

The CSS property to change the border of an element to Hex 4FB993 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  
#4FB993 }
```

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

```
.border{ border-color:#4FB993 }
```

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

Here you see how a box with a 4 pixel #4FB993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB993; -webkit-box-shadow:4px 4px  
4px 4px #4FB993; box-shadow:4px 4px 4px  
4px #4FB993 }
```

# Background

The CSS property to change the background color of an element to Hex 4FB993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB993 }
```

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

```
.background{ background-color:#4FB993 }
```

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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