

# Converting Colors

Hex(4FA183)

Have a look what the booklet for  
Hex(4FA183) contains.

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**Color**

**Hex(4FA183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA183
RGB	79, 161, 131
RGB Percent	31%, 63%, 51%
CMY	0.6902, 0.3686, 0.4863
CMYK	0.51, 0.00, 0.19, 0.37
HSL	158°, 34%, 47%
HSV	158°, 51%, 63%
XYZ	20.0661, 28.7907, 25.9723
YIQ	133.0620, -39.2420, -26.7140

# Conversions

## Conversions Part 2

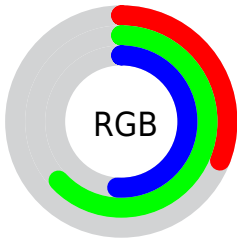
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 129, 161
Decimal	5218691
CIELab	60.60, -32.43, 8.03
CIElCh	61, 33.414, 166.099
Yxy	28.7907, 0.2682, 0.3848
Android (android.graphics.Color)	4283408771 (0xFF4FA183)
YUV	133.0620, -1.0166, -47.4124
Hunter-Lab	53.6570, -27.1462, 8.8609

# Details

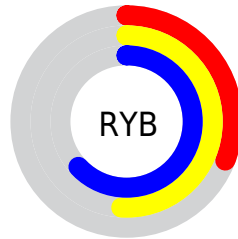
The Hex color **4FA183** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A14F6D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **86D8B8**, and **126D52** is the 20% darker color. If you saturate the color by 10%, you get **3FA17D**, and if you desaturate by 10%, it is **5FA189**.

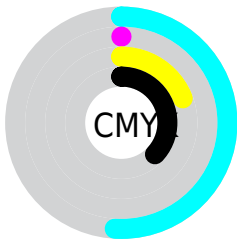
# Distribution



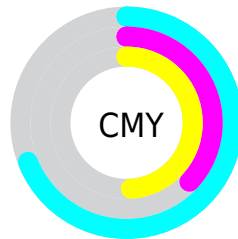
- Red (31%)
- Green (63%)
- Blue (51%)



- Red (31%)
- Yellow (51%)
- Blue (63%)



- Cyan (51%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA183 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 4FA183 by changing the saturation by 10% instead.





4FA183



4FA183

FFFFFF



33866A



86D8B8



126D52



A1F5D4



00543B



BDFFF0



003C25



DAFFFF



002610



F7FFFF



000400



000000



4FA183



4FA183



3FA17D



5FA189

 2FA177

 6FA18F

 1FA171

 7FA195

 0FA16B

 8FA19B

 00A166

 A0A1A0

 B0A1A6

 C0A1AC

 D0A1B2

 E0A1B8

# Harmonies

## Analogous

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



759D68



4FA183



25A2A1

# Triad

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



4FA183



8190CB



C58269

# Complementary

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



4FA183



A14F6D

# 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.



CC7C83



4FA183



A985BB

# Square

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



4FA183



4F99CB



C37DA1



B28C59

# Rectangle

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



4FA183



14A1B4



C37DA1



C97F71



# Sweetspot

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



4FA183



B2D1C6



6DA14F



566962



E8E8E8



696969



# Same Dimension

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



4FA183



52D1A2



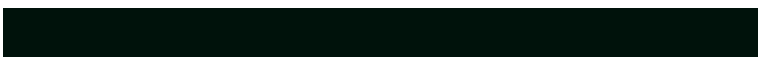
4F96A1



49524F



00915C



00120B



# Inverse Universe

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



A14F6D



D15280



A15A4F



52494C



910035



120007



# Previews

## White Background



This preview shows how the Hex color 4FA183 looks on a white background.

## Color Contrast Check

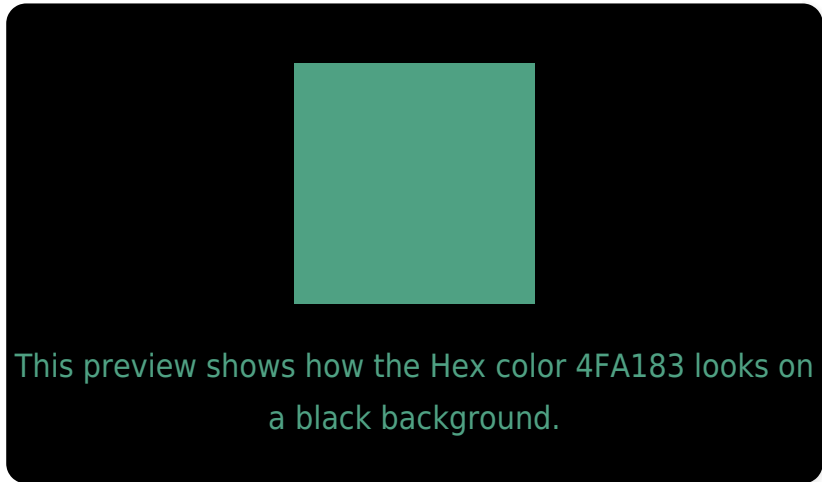
Large Text (above 18pt) WCAG AA ✓ Pass

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

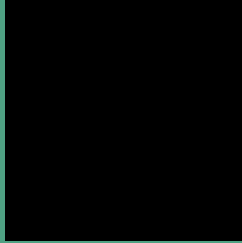
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4FA183 Background



This preview shows how black text looks on a background with the Hex color 4FA183.

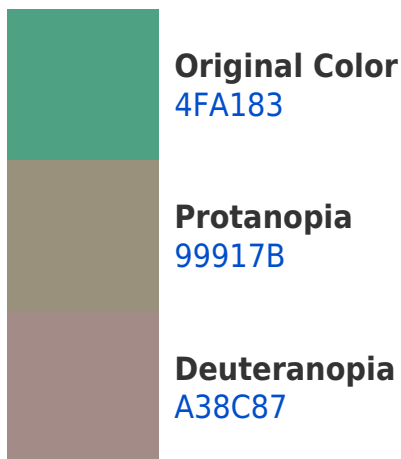


This preview shows how white text looks on a background with the Hex color 4FA183.

# 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**  
5A9CA8

# Trichromacy



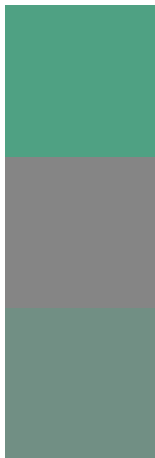
**Original Color**  
4FA183

**Protanomaly**  
7E977E

**Deuteranomaly**  
849486

**Tritanomaly**  
569E9B

# Monochromacy



**Original Color**  
4FA183

**Achromatopsia**  
858585

**Achromatomaly**  
718F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA183 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 #4FA183 looks like.

```
.text, #text, p{  
    color:#4FA183  
}
```

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 #4FA183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA183
}
```

## Border

The CSS property to change the border of an element to Hex 4FA183 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
#4FA183 }
```

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

```
.border{ border-color:#4FA183 }
```

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

Here you see how a box with a 4 pixel #4FA183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA183; -webkit-box-shadow:4px 4px  
4px 4px #4FA183; box-shadow:4px 4px 4px  
4px #4FA183 }
```

# Background

The CSS property to change the background color of an element to Hex 4FA183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA183 }
```

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

```
.background{ background-color:#4FA183 }
```

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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