

# Converting Colors

Hex(4FA87C)

Have a look what the booklet for  
Hex(4FA87C) contains.

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# Color

Hex(4FA87C)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4FA87C                       |
| RGB         | 79, 168, 124                 |
| RGB Percent | 31%, 66%, 49%                |
| CMY         | 0.6902, 0.3412, 0.5137       |
| CMYK        | 0.53, 0.00, 0.26, 0.34       |
| HSL         | 150°, 36%, 48%               |
| HSV         | 150°, 53%, 66%               |
| XYZ         | 20.8652, 31.1228, 23.9764    |
| YIQ         | 136.3730, -38.9200, -32.5520 |

# Conversions

## Conversions Part 2

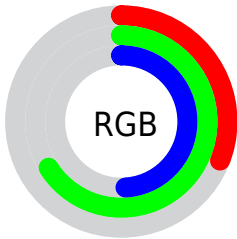
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 79, 138, 168                   |
| Decimal                             | 5220476                        |
| CIELab                              | 62.61, -37.22, 14.76           |
| CIElCh                              | 63, 40.039, 158.364            |
| Yxy                                 | 31.1228, 0.2747,<br>0.4097     |
| Android<br>(android.graphics.Color) | 4283410556<br>(0xFF4FA87C)     |
| YUV                                 | 136.3730, -6.0999,<br>-50.3161 |
| Hunter-Lab                          | 55.7878, -30.8679,<br>13.5699  |

# Details

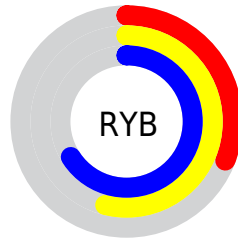
The Hex color **4FA87C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A84F7B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **86E0B1**, and **0E734B** is the 20% darker color. If you saturate the color by 10%, you get **3EA874**, and if you desaturate by 10%, it is **60A884**.

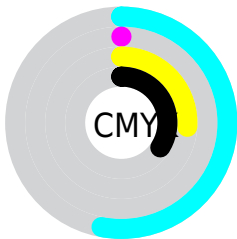
# Distribution



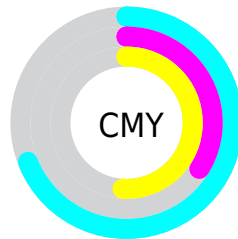
- Red (31%)
- Green (66%)
- Blue (49%)



- Red (31%)
- Yellow (54%)
- Blue (66%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA87C 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 4FA87C by changing the saturation by 10% instead.





4FA87C



4FA87C

FFFFFF



328D63



86E0B1



0E734B



A2FDCC



005A34



BEFFE8



00421F



DBFFFF



002B08



F9FFFF



001100



000000



4FA87C



4FA87C



3EA874



60A884

 2DA86B

 71A88D

 1DA863

 81A895

 0CA85B

 92A89D

 00A855

 A3A8A6

 B4A8AE

 C5A8B6

 D5A8BE

 E6A8C7

# Harmonies

## Analogous

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



7EA25E



4FA87C



00AAA1

# Triad

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



4FA87C



7198DE



D7806D

# Complementary

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



4FA87C



A84F7B

# 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.



DB7B8F



4FA87C



A88ACF

# Square

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



4FA87C



1AA2D9



CC7FB2



C38C56

# Rectangle

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



4FA87C



00A9B8



CC7FB2



DA7E78



# Sweetspot

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



4FA87C



B8DBCA



7BA84F



596E63



EDEDED



6E6E6E



# Same Dimension

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



4FA87C



4FDB96



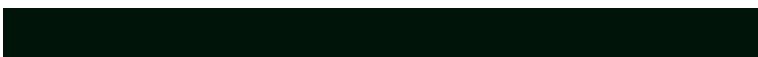
4FA8A8



4C5450



00944B



00140A



# Inverse Universe

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



A84F7B



DB4F94



A84F4F



544C50



940049



14000A



# Previews

## White Background



This preview shows how the Hex color 4FA87C looks on a white background.

## Color Contrast Check

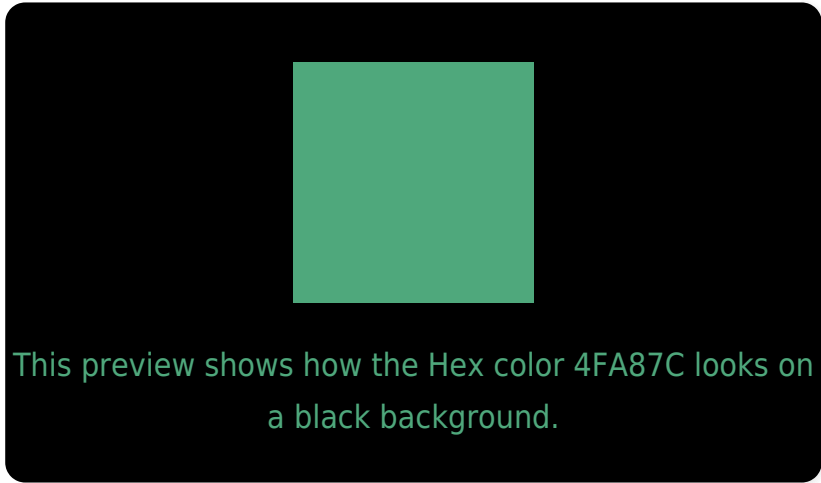
Large Text (above 18pt) WCAG AA × Fail

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

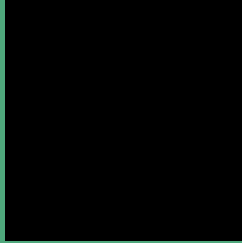
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FA87C Background



This preview shows how black text looks on a background with the Hex color 4FA87C.

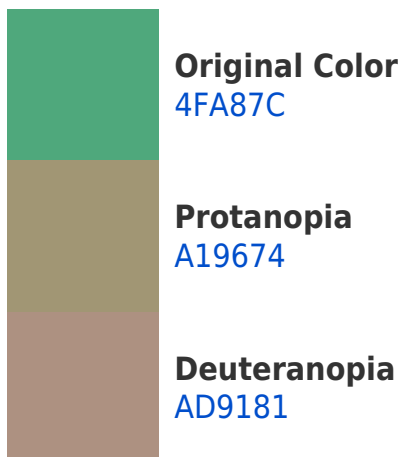


This preview shows how white text looks on a background with the Hex color 4FA87C.

# Color Blindness Simulation

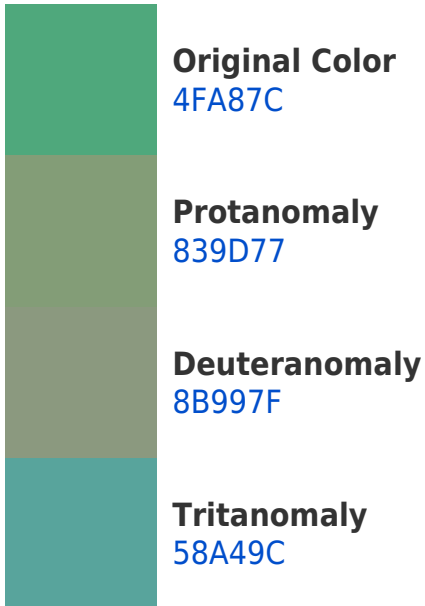
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA87C 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 #4FA87C looks like.

```
.text, #text, p{  
    color:#4FA87C  
}
```

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 #4FA87C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA87C
}
```

## Border

The CSS property to change the border of an element to Hex 4FA87C 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
#4FA87C }
```

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

```
.border{ border-color:#4FA87C }
```

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

Here you see how a box with a 4 pixel #4FA87C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA87C; -webkit-box-shadow:4px 4px  
4px 4px #4FA87C; box-shadow:4px 4px 4px  
4px #4FA87C }
```

# Background

The CSS property to change the background color of an element to Hex 4FA87C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA87C }
```

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

```
.background{ background-color:#4FA87C }
```

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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