

# Converting Colors

Hex(4FAC8D)

Have a look what the booklet for  
Hex(4FAC8D) contains.

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# Color

Hex(4FAC8D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4FAC8D
RGB	79, 172, 141
RGB Percent	31%, 67%, 55%
CMY	0.6902, 0.3255, 0.4471
CMYK	0.54, 0.00, 0.18, 0.33
HSL	160°, 37%, 49%
HSV	160°, 54%, 67%
XYZ	22.7847, 33.0904, 30.3855
YIQ	140.6590, -45.4770, -29.3570

# Conversions

## Conversions Part 2

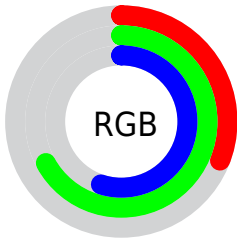
Format	Color
<a href="#">RYB</a>	<a href="#">79, 135, 172</a>
Decimal	<a href="#">5221517</a>
CIELab	<a href="#">64.23, -35.23, 7.64</a>
CIELCh	<a href="#">64, 36.052, 167.769</a>
Yxy	<a href="#">33.0904, 0.2641, 0.3836</a>
Android (android.graphics.Color)	<a href="#">4283411597</a> ( <a href="#">0xFF4FAC8D</a> )
YUV	<a href="#">140.6590, 0.1681, -54.0749</a>
Hunter-Lab	<a href="#">57.5243, -29.9657, 8.9488</a>

# Details

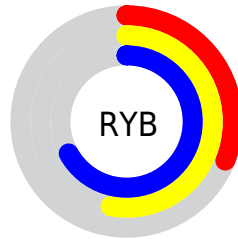
The Hex color **4FAC8D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC4F6E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **87E4C3**, and **09775B** is the 20% darker color. If you saturate the color by 10%, you get **3EAC87**, and if you desaturate by 10%, it is **60AC93**.

# Distribution



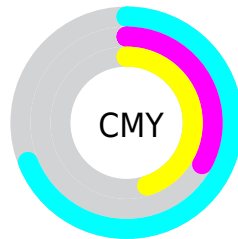
- Red (31%)
- Green (67%)
- Blue (55%)



- Red (31%)
- Yellow (53%)
- Blue (67%)



- Cyan (54%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FAC8D 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 4FAC8D by changing the saturation by 10% instead.



 4FAC8D

 4FAC8D

FFFFFF

 329173

 87E4C3

 09775B

 A3FFDF

 005E43

 C0FFFB

 00452D

 DDFFFF

 002E18

 FAFFFF

 001700

 000000

 4FAC8D

 4FAC8D

 3EAC87

 60AC93

■ 2DAC82

■ 71AC98

■ 1BAC7C

■ 83AC9E

■ 0AAC76

■ 94ACA4

■ 00AC73

■ A5ACAA

■ B6ACAF

■ C7ACB5

■ D9ACBB

■ EAACC1

# Harmonies

## Analogous

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



79A86F



4FAC8D



1AADA E

# Triad

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



4FAC8D



8C98D9



D28A6D

# Complementary

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



4FAC8D



AC4F6E

# 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.



DB838A



4FAC8D



B78CC7

# Square

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



4FAC8D



54A3DA



D284AA



BC955D

# Rectangle

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



4FAC8D



00ABC2



D284AA



D78776



# Sweetspot

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



4FAC8D



BCE0D4



6EAC4F



5B7069



F0F0F0



707070



# Same Dimension

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



4FAC8D



4FE0B0



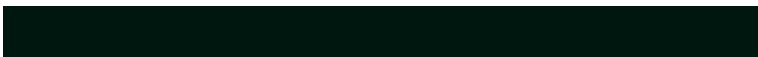
4F9CAC



4E5754



009664



00170F



# Inverse Universe

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



AC4F6E



E04F7F



AC5E4F



574E51



960032



170008



# Previews

## White Background



This preview shows how the Hex color 4FAC8D looks on a white background.

## Color Contrast Check

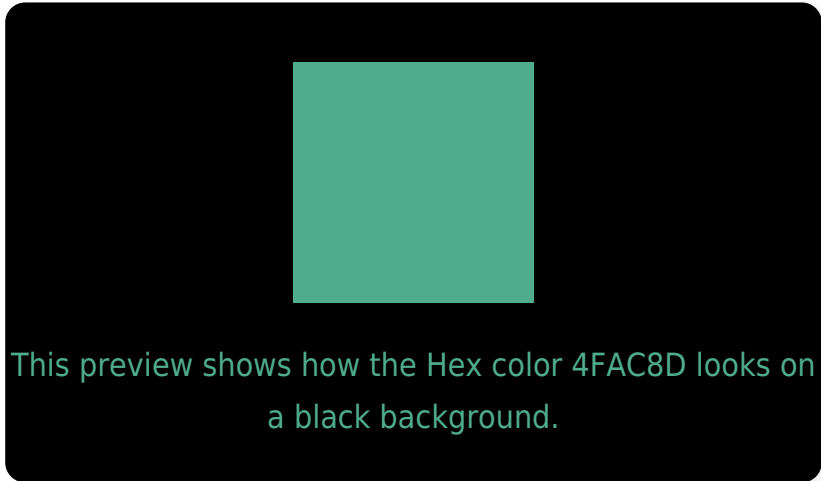
Large Text (above 18pt) WCAG AA × Fail

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 4FAC8D Background



This preview shows how black text looks on a background with the Hex color 4FAC8D.

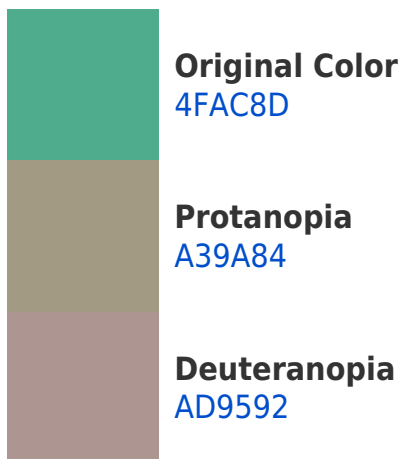


This preview shows how white text looks on a background with the Hex color 4FAC8D.

# 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](#).

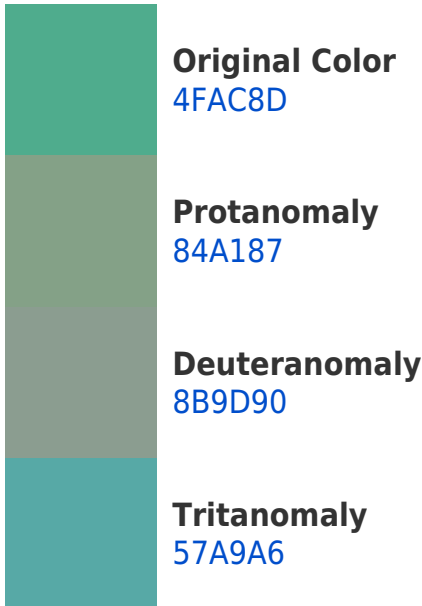
## Dichromacy



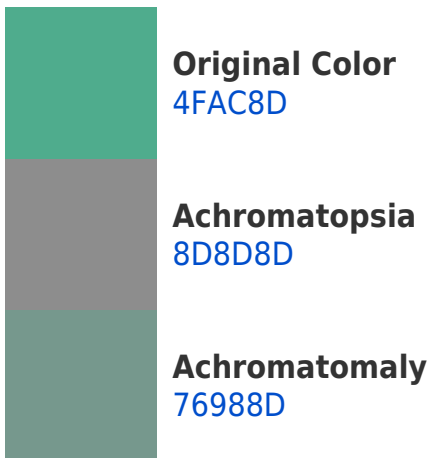


**Tritanopia**  
5BA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FAC8D 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 #4FAC8D looks like.

```
.text, #text, p{  
    color:#4FAC8D  
}
```

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 #4FAC8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FAC8D
}
```

## Border

The CSS property to change the border of an element to Hex 4FAC8D 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
#4FAC8D }
```

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

```
.border{ border-color:#4FAC8D }
```

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

Here you see how a box with a 4 pixel #4FAC8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FAC8D; -webkit-box-shadow:4px 4px  
4px 4px #4FAC8D; box-shadow:4px 4px 4px  
4px #4FAC8D }
```

# Background

The CSS property to change the background color of an element to Hex 4FAC8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FAC8D }
```

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

```
.background{ background-color:#4FAC8D }
```

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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