

# Converting Colors

Hex(7FCAAF)

Have a look what the booklet for  
Hex(7FCAAF) contains.

<b>Hex(7FCAAF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7FCAAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FCAAF
RGB	127, 202, 175
RGB Percent	50%, 79%, 69%
CMY	0.5020, 0.2078, 0.3137
CMYK	0.37, 0.00, 0.13, 0.21
HSL	158°, 41%, 65%
HSV	158°, 37%, 79%
XYZ	37.6108, 49.8482, 48.1968
YIQ	176.4970, -36.0330, -24.2970

# Conversions

## Conversions Part 2

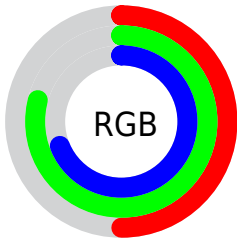
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 173, 202</a>
Decimal	<a href="#">8374959</a>
CIELab	<a href="#">75.98, -29.37, 6.16</a>
CIElCh	<a href="#">76, 30.006, 168.160</a>
Yxy	<a href="#">49.8482, 0.2773, 0.3675</a>
Android (android.graphics.Color)	<a href="#">4286565039 (0xFF7FCAAF)</a>
YUV	<a href="#">176.4970, -0.7380, -43.4089</a>
Hunter-Lab	<a href="#">70.6033, -28.4677, 8.9484</a>

# Details

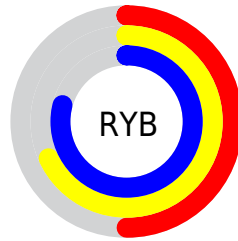
The Hex color **7FCAAF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA7F9A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B6FFE7**, and **49947B** is the 20% darker color. If you saturate the color by 10%, you get **6BCAA8**, and if you desaturate by 10%, it is **93CAB6**.

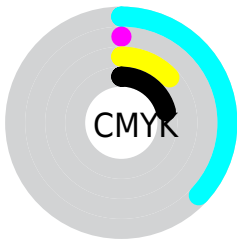
# Distribution



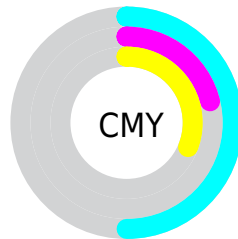
- Red (50%)
- Green (79%)
- Blue (69%)



- Red (50%)
- Yellow (68%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FCAAF 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 7FCAAF by changing the saturation by 10% instead.



 7FCAAF

 7FCAAF

FFFFFF

 64AE94

 B6FFE7

 49947B

 D3FFFF

 2E7962

 F0FFFF

 0D604A

 004833

 00311E

 001D06

 000000

 7FCAAF

 7FCAAF

 6BCAA8

 93CAB6

 57CAA0

 A7CABE

 42CA99

 BCCAC5

 2ECA92

 D0CACC

 1ACA8B

 E4CAD3

 06CA83

 F8CADB

 00CA81

 FFCAE2

 FFCAE9

 FFCAF0

# Harmonies

## Analogous

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



9EC696



7FCAAF



68CBCC

# Triad

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



7FCAAF



B0B8F0



ECAD93

# Complementary

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



7FCAAF



CA7F9A

# 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.



F3A7AB



7FCAAF



D4AFE0

# Square

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



7FCAAF



88C1F1



EBA8C7



D9B685

# Rectangle

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



7FCAAF



66C9DD



EBA8C7



F0AA9A



# Sweetspot

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



7FCAAF



E3FFF5



9BCA7F



6F807A



000000



808080

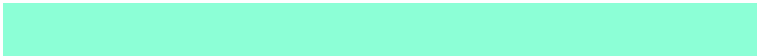


# Same Dimension

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



7FCAAF



8CFFD6



7FC0CA



5C6662



00A66A



002618



# Inverse Universe

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



CA7F9A



FF8CB6



CA897F



665C5F



A6003C



26000E



# Previews

## White Background



This preview shows how the Hex color 7FCAAF 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



This preview shows how the Hex color 7FCAAF looks on a 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

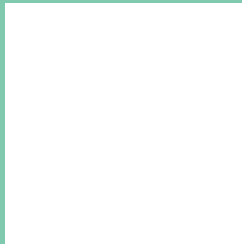
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FCAAF Background



This preview shows how black text looks on a background with the Hex color 7FCAAF.

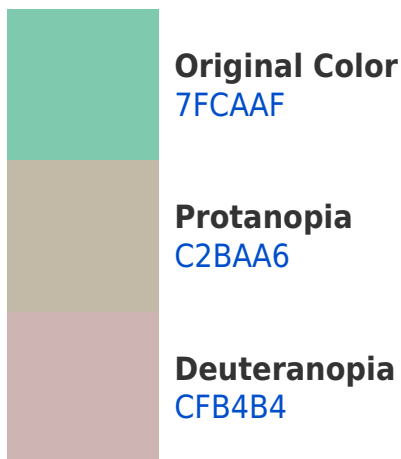


This preview shows how white text looks on a background with the Hex color 7FCAAF.

# 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](#).

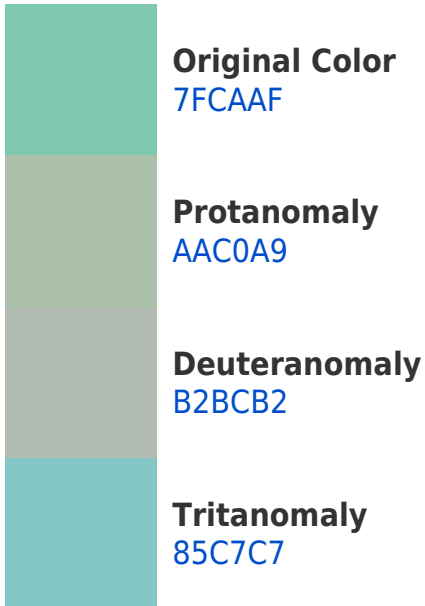
## Dichromacy



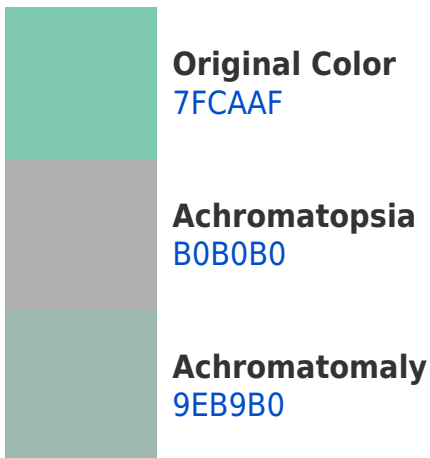


**Tritanopia**  
88C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FCAAF 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 #7FCAAF looks like.

```
.text, #text, p{  
    color:#7FCAAF  
}
```

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 #7FCAAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FCAAF
}
```

## Border

The CSS property to change the border of an element to Hex 7FCAAF 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
#7FCAAF }
```

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

```
.border{ border-color:#7FCAAF }
```

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

Here you see how a box with a 4 pixel #7FCAAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FCAAF; -webkit-box-shadow:4px 4px  
4px 4px #7FCAAF; box-shadow:4px 4px 4px  
4px #7FCAAF }
```

# Background

The CSS property to change the background color of an element to Hex 7FCAAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FCAAF }
```

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

```
.background{ background-color:#7FCAAF }
```

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