

# Converting Colors

Hex(7FC9A6)

Have a look what the booklet for  
Hex(7FC9A6) contains.

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# **Color**

**Hex(7FC9A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FC9A6
RGB	127, 201, 166
RGB Percent	50%, 79%, 65%
CMY	0.5020, 0.2118, 0.3490
CMYK	0.37, 0.00, 0.17, 0.21
HSL	152°, 41%, 64%
HSV	152°, 37%, 79%
XYZ	36.5220, 49.0385, 43.6169
YIQ	174.8840, -32.8690, -26.5730

# Conversions

## Conversions Part 2

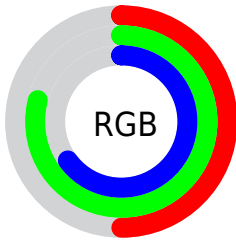
Format	Color
<a href="#">RYB</a>	<a href="#">127, 175, 201</a>
Decimal	<a href="#">8374694</a>
CIELab	<a href="#">75.48, -30.79, 10.28</a>
CIELCh	<a href="#">75, 32.458, 161.530</a>
Yxy	<a href="#">49.0385, 0.2827, 0.3796</a>
Android (android.graphics.Color)	<a href="#">4286564774 (0xFF7FC9A6)</a>
YUV	<a href="#">174.8840, -4.3798, -41.9943</a>
Hunter-Lab	<a href="#">70.0275, -29.4536, 12.0903</a>

# Details

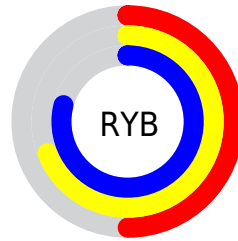
The Hex color **7FC9A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C97FA2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B6FFDD**, and **4A9372** is the 20% darker color. If you saturate the color by 10%, you get **6BC99C**, and if you desaturate by 10%, it is **93C9B0**.

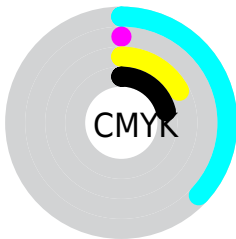
# Distribution



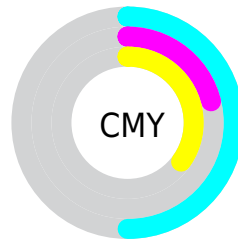
- Red (50%)
- Green (79%)
- Blue (65%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FC9A6 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 7FC9A6 by changing the saturation by 10% instead.



 7FC9A6

 7FC9A6

FFFFFF

 64AD8C

 B6FFDD

 4A9372

 D2FFFA

 2F795A

 EFFFFFF

 0F5F42

 00472C

 003017

 001C00

 000000

 7FC9A6

 7FC9A6

 6BC99C

 93C9B0

 57C993

 A7C9B9

 43C989

 BBC9C3

 2FC980

 CFC9CC

 1BC976

 E4C9D6

 06C96D

 F8C9DF

 00C96A

 FFC9E9

 FFC9F2

 FFC9FC

# Harmonies

## Analogous

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



A2C48C



7FC9A6



61CBC5

# Triad

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



7FC9A6



A4B9F4



F1A894

# Complementary

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



7FC9A6



C97FA2

# 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.



F6A4AF



7FC9A6



CDAEE7

# Square

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



7FC9A6



78C2F2



E9A6CE



DFB282

# Rectangle

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



7FC9A6



58C9D8



E9A6CE



F4A69C

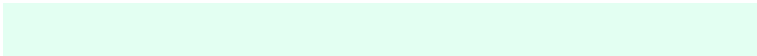


# Sweetspot

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



7FC9A6



E3FFF2



A3C97F



6F8078



000000



808080

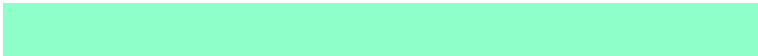


# Same Dimension

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



7FC9A6



8FFPCA



7FC8C9



5A635F



00A356



002413



# Inverse Universe

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



C97FA2



FF8FC4



C9807F



635A5E



A3004D



240011



# Previews

## White Background



This preview shows how the Hex color 7FC9A6 looks on a white background.

## Color Contrast Check

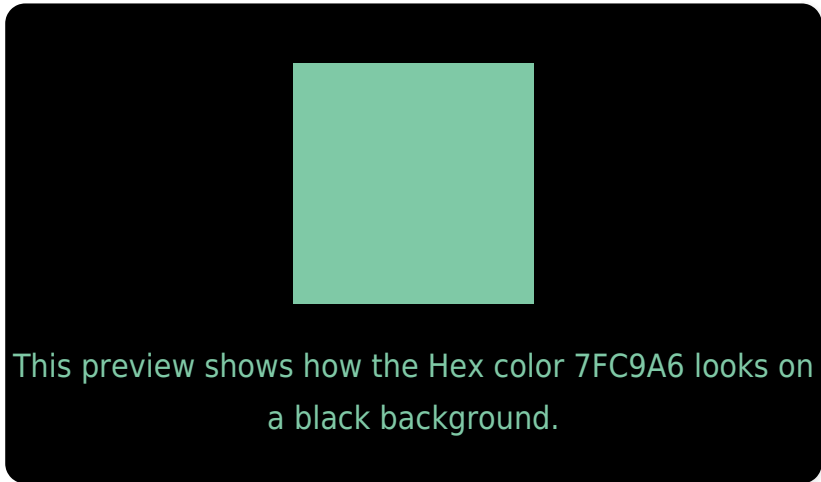
Large Text (above 18pt) WCAG AA × Fail

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

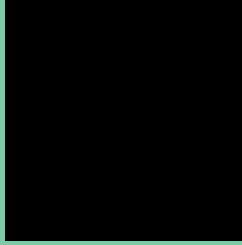
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FC9A6 Background



This preview shows how black text looks on a background with the Hex color 7FC9A6.

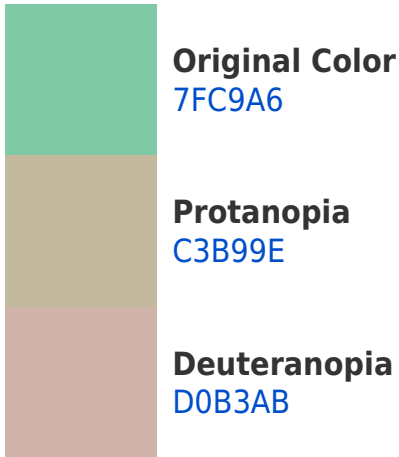


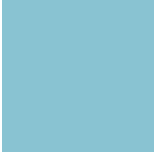
This preview shows how white text looks on a background with the Hex color 7FC9A6.

# 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**  
89C3D2

# Trichromacy



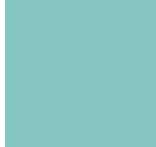
**Original Color**  
7FC9A6



**Protanomaly**  
AABFA1



**Deuteranomaly**  
B3BBA9



**Tritanomaly**  
85C5C2

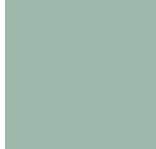
# Monochromacy



**Original Color**  
7FC9A6



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
9EB8AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FC9A6 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 #7FC9A6 looks like.

```
.text, #text, p{  
    color:#7FC9A6  
}
```

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 #7FC9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC9A6
}
```

## Border

The CSS property to change the border of an element to Hex 7FC9A6 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
#7FC9A6 }
```

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

```
.border{ border-color:#7FC9A6 }
```

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

Here you see how a box with a 4 pixel #7FC9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC9A6; -webkit-box-shadow:4px 4px  
4px 4px #7FC9A6; box-shadow:4px 4px 4px  
4px #7FC9A6 }
```

# Background

The CSS property to change the background color of an element to Hex 7FC9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC9A6 }
```

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

```
.background{ background-color:#7FC9A6 }
```

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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