

# Converting Colors

Hex(7FA8A6)

Have a look what the booklet for  
Hex(7FA8A6) contains.

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# **Color**

**Hex(7FA8A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FA8A6
RGB	127, 168, 166
RGB Percent	50%, 66%, 65%
CMY	0.5020, 0.3412, 0.3490
CMYK	0.24, 0.00, 0.01, 0.34
HSL	177°, 19%, 58%
HSV	177°, 24%, 66%
XYZ	29.6380, 35.2705, 41.3222
YIQ	155.5130, -23.7940, -9.3140

# Conversions

## Conversions Part 2

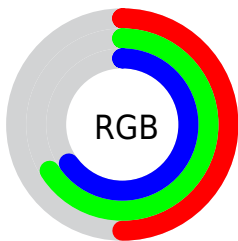
Format	Color
<a href="#">RYB</a>	<a href="#">127, 148, 168</a>
Decimal	<a href="#">8366246</a>
CIELab	<a href="#">65.96, -14.21, -3.49</a>
CIElCh	<a href="#">66, 14.636, 193.807</a>
Yxy	<a href="#">35.2705, 0.2790, 0.3320</a>
Android (android.graphics.Color)	<a href="#">4286556326 (0xFF7FA8A6)</a>
YUV	<a href="#">155.5130, 5.1701, -25.0059</a>
Hunter-Lab	<a href="#">59.3889, -14.8505, 0.3189</a>

# Details

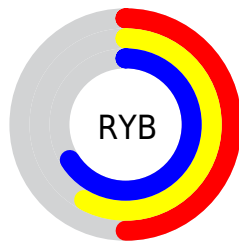
The Hex color **7FA8A6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A87F81**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B5DFDD**, and **4C7472** is the 20% darker color. If you saturate the color by 10%, you get **6EA8A5**, and if you desaturate by 10%, it is **90A8A7**.

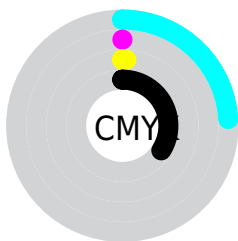
# Distribution



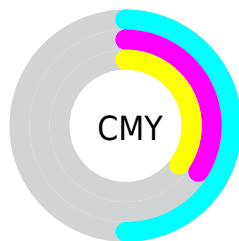
- Red (50%)
- Green (66%)
- Blue (65%)



- Red (50%)
- Yellow (58%)
- Blue (66%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (50%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FA8A6 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 7FA8A6 by changing the saturation by 10% instead.





7FA8A6



7FA8A6

FFFFFF



658E8C



B5DFDD



4C7472



D1FCFA



345B5A



EDFFFF



1C4442



022D2C



001A18



000000



7FA8A6



7FA8A6



6EA8A5



90A8A7

5DA8A4

A1A8A8

4DA8A4

B1A8A8

3CA8A3

C2A8A9

2BA8A2

D3A8AA

1AA8A1

E4A8AB

09A8A0

F5A8AC

00A8A0

FFA8AD

# Harmonies

## Analogous

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



88A799



7FA8A6



7FA7B2

# Triad

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



7FA8A6



AA9BB3



B29D87

# Complementary

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



7FA8A6



A87F81

# 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.



BA998F



7FA8A6



B698A8

# Square

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



7FA8A6



9A9FBA



BC979B



A4A187

# Rectangle

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



7FA8A6



85A5B7



BC979B



B59C89



# Sweetspot

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



7FA8A6



CCDBDB



81A87F



656E6D



EDEDED



6E6E6E



# Same Dimension

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



7FA8A6



9CDBD8



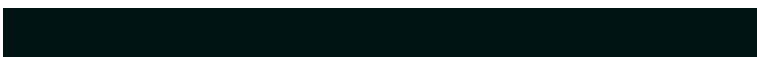
7F96A8



4C5454



00948D



001413



# Inverse Universe

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



A87F81



DB9C9F



A8917F



544C4C



940007



140001



# Previews

## White Background



This preview shows how the Hex color 7FA8A6 looks on a white background.

## Color Contrast Check

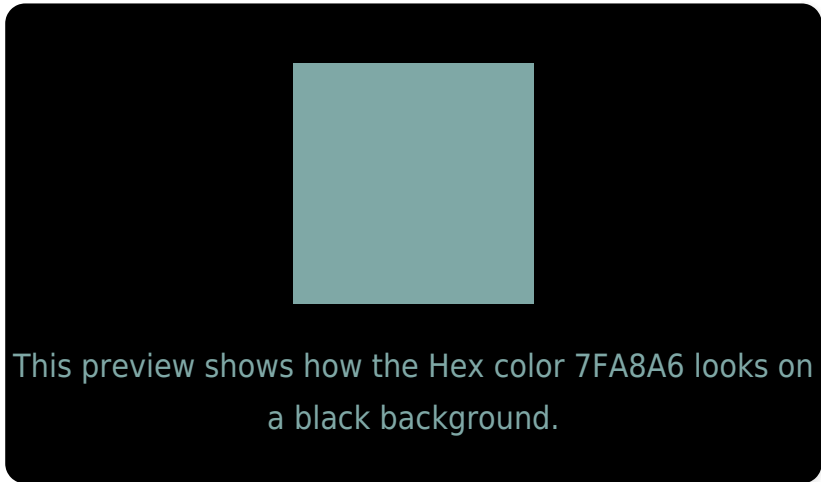
Large Text (above 18pt) WCAG AA × Fail

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

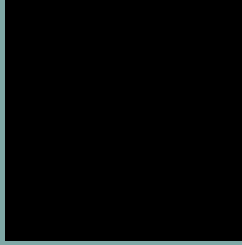
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FA8A6 Background



This preview shows how black text looks on a background with the Hex color 7FA8A6.

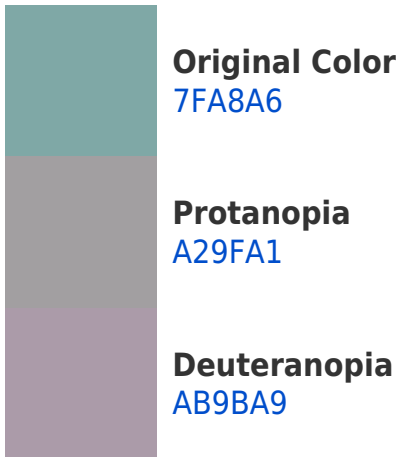


This preview shows how white text looks on a background with the Hex color 7FA8A6.

# 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](#).

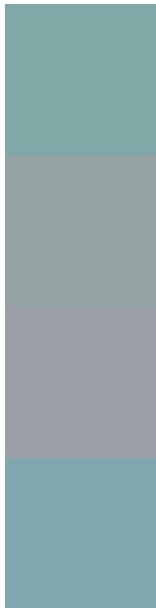
## Dichromacy





**Tritanopia**  
82A6B3

# Trichromacy



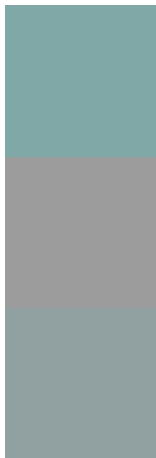
**Original Color**  
7FA8A6

**Protanomaly**  
95A2A3

**Deuteranomaly**  
9BA0A8

**Tritanomaly**  
81A7AE

# Monochromacy



**Original Color**  
7FA8A6

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
91A0A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FA8A6 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 #7FA8A6 looks like.

```
.text, #text, p{  
    color:#7FA8A6  
}
```

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 #7FA8A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA8A6
}
```

## Border

The CSS property to change the border of an element to Hex 7FA8A6 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
#7FA8A6 }
```

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

```
.border{ border-color:#7FA8A6 }
```

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

Here you see how a box with a 4 pixel #7FA8A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA8A6; -webkit-box-shadow:4px 4px  
4px 4px #7FA8A6; box-shadow:4px 4px 4px  
4px #7FA8A6 }
```

# Background

The CSS property to change the background color of an element to Hex 7FA8A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA8A6 }
```

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

```
.background{ background-color:#7FA8A6 }
```

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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