

# Converting Colors

Hex(7FA7B9)

Have a look what the booklet for  
Hex(7FA7B9) contains.

<b>Hex(7FA7B9)</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(7FA7B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7FA7B9
RGB	127, 167, 185
RGB Percent	50%, 65%, 73%
CMY	0.5020, 0.3451, 0.2745
CMYK	0.31, 0.10, 0.00, 0.27
HSL	199°, 29%, 61%
HSV	199°, 31%, 73%
XYZ	31.3281, 35.6522, 51.1293
YIQ	157.0920, -29.6180, -2.8820

# Conversions

## Conversions Part 2

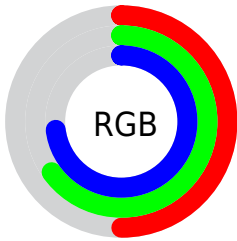
Format	Color
<a href="#">RYB</a>	<a href="#">127, 151, 185</a>
Decimal	<a href="#">8366009</a>
CIELab	<a href="#">66.25, -9.16, -13.64</a>
CIElCh	<a href="#">66, 16.426, 236.121</a>
Yxy	<a href="#">35.6522, 0.2652, 0.3019</a>
Android (android.graphics.Color)	<a href="#">4286556089</a> ( <a href="#">0xFF7FA7B9</a> )
YUV	<a href="#">157.0920, 13.7586, -26.3907</a>
Hunter-Lab	<a href="#">59.7095, -10.8372, -8.9735</a>

# Details

The Hex color **7FA7B9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B9917F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B5DEF1**, and **4B7384** is the 20% darker color. If you saturate the color by 10%, you get **6DA1B9**, and if you desaturate by 10%, it is **92ADB9**.

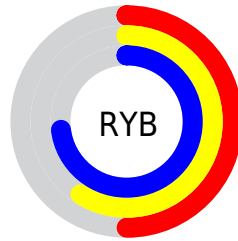
# Distribution



Red (50%)

Green (65%)

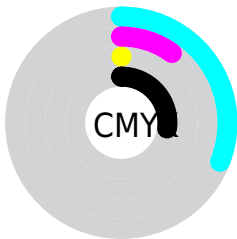
Blue (73%)



Red (50%)

Yellow (59%)

Blue (73%)

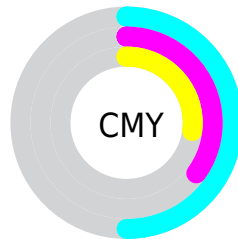


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (50%)

Magenta (35%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FA7B9 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 7FA7B9 by changing the saturation by 10% instead.



■ 7FA7B9

FFFFFF

■ B5DEF1

■ D1FBFF

■ EEEFFF

■ 7FA7B9

■ 658D9E

■ 4B7384

■ 325B6B

■ 184352

■ 002D3B

■ 001926

■ 000110

■ 000000

■ 7FA7B9

■ 7FA7B9

6DA1B9

92ADB9

5A9CB9

A4B2B9

4896B9

B7B8B9

3590B9

C9BEB9

238AB9

DCC4B9

1085B9

EEC9B9

0080B9

FFCFB9

FFD5B9

FFDBB9

# Harmonies

## Analogous

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



7AA9AD



7FA7B9



8EA3BE

# Triad

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



7FA7B9



BD97A4



9FA486

# Complementary

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



7FA7B9



B9917F

# 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.



AF9F84



7FA7B9



C09795

# Square

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



7FA7B9



B399B2



BB9B89



8EA890

# Rectangle

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



7FA7B9



9BA0BD



BB9B89



A4A385



# Sweetspot

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



7FA7B9



DAE9F0



7FB990



6B7478



F7F7F7



787878



# Same Dimension

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



7FA7B9



95D3F0



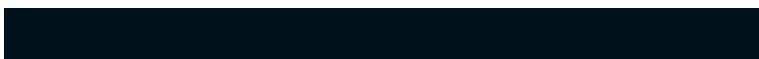
7F8BB9



53595C



006B9C



00131C



# Inverse Universe

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



B97FA7



F095D3



B9AD7F



5C5359



9C006B



1C0013



# Previews

## White Background



This preview shows how the Hex color 7FA7B9 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

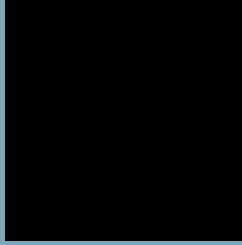
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

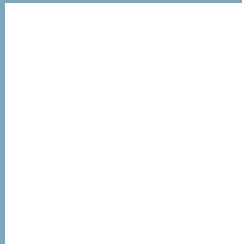
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FA7B9 Background



This preview shows how black text looks on a background with the Hex color 7FA7B9.

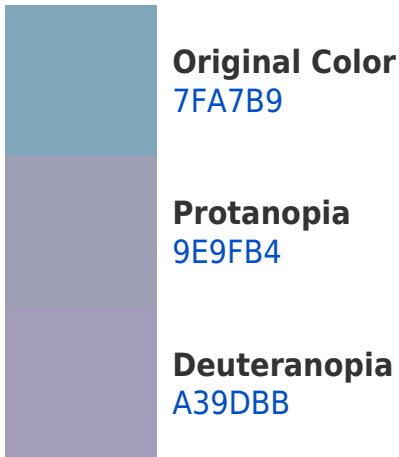


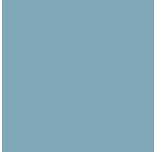
This preview shows how white text looks on a background with the Hex color 7FA7B9.

# 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](#).

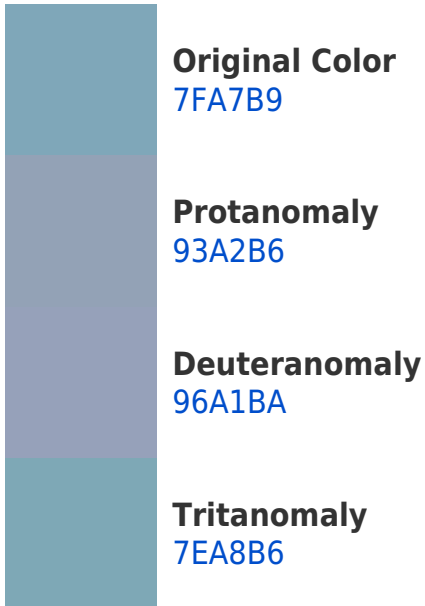
## Dichromacy



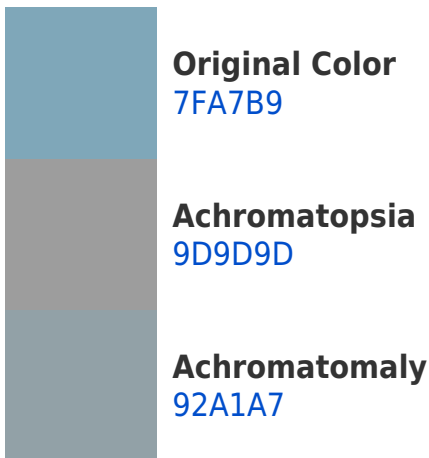


**Tritanopia**  
7EA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FA7B9 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 #7FA7B9 looks like.

```
.text, #text, p{  
    color:#7FA7B9  
}
```

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 #7FA7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA7B9
}
```

## Border

The CSS property to change the border of an element to Hex 7FA7B9 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
#7FA7B9 }
```

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

```
.border{ border-color:#7FA7B9 }
```

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

Here you see how a box with a 4 pixel #7FA7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA7B9; -webkit-box-shadow:4px 4px  
4px 4px #7FA7B9; box-shadow:4px 4px 4px  
4px #7FA7B9 }
```

# Background

The CSS property to change the background color of an element to Hex 7FA7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA7B9 }
```

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

```
.background{ background-color:#7FA7B9 }
```

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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