

# Converting Colors

Hex(8097A6)

Have a look what the booklet for  
Hex(8097A6) contains.

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# **Color**

**Hex(8097A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8097A6
RGB	128, 151, 166
RGB Percent	50%, 59%, 65%
CMY	0.4980, 0.4078, 0.3490
CMYK	0.23, 0.09, 0.00, 0.35
HSL	204°, 18%, 58%
HSV	204°, 23%, 65%
XYZ	26.8516, 29.4756, 40.3505
YIQ	145.8330, -18.5230, -0.2110

# Conversions

## Conversions Part 2

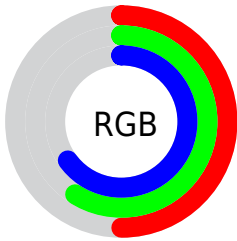
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 142, 166
Decimal	8427430
CIELab	61.20, -4.67, -10.55
CIELCh	61, 11.544, 246.115
Yxy	29.4756, 0.2777, 0.3049
Android (android.graphics.Color)	4286617510 (0xFF8097A6)
YUV	145.8330, 9.9423, -15.6395
Hunter-Lab	54.2914, -6.7269, -6.0616

# Details

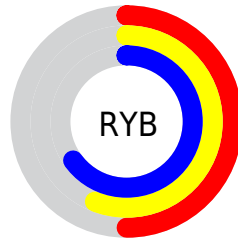
The Hex color **8097A6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A68F80**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B5CDDD**, and **4E6472** is the 20% darker color. If you saturate the color by 10%, you get **6F90A6**, and if you desaturate by 10%, it is **919EA6**.

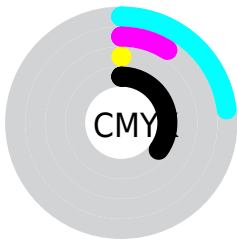
# Distribution



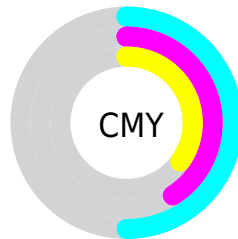
- Red (50%)
- Green (59%)
- Blue (65%)



- Red (50%)
- Yellow (56%)
- Blue (65%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (41%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8097A6 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 8097A6 by changing the saturation by 10% instead.



■ 8097A6

■ 8097A6

FFFFFF

■ 677D8C

■ B5CDDD

■ 4E6472

■ D1E9FA

■ 364C5A

■ EEEFFF

■ 1F3642

■ 08202C

■ 000918

■ 000000

■ 8097A6

■ 8097A6

■ 6F90A6

■ 919EA6

■ 5F8AA6

■ A1A4A6

■ 4E83A6

■ B2ABA6

■ 3E7DA6

■ C2B1A6

■ 2D76A6

■ D3B8A6

■ 1C70A6

■ E4BEA6

■ 0C69A6

■ F4C5A6

■ 0064A6

■ FFCBA6

■ FFD2A6

# Harmonies

## Analogous

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



7A999F



8097A6



8B94A8

# Triad

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



8097A6



A98D92



8E9783

# Complementary

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



8097A6



A68F80

# 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.



9A9480



8097A6



A98E88

# Square

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



8097A6



A38E9C



A39081



83998B

# Rectangle

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



8097A6



9492A6



A39081



929681



# Sweetspot

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



8097A6



CAD3D9



80A68F



656A6E



EDEDED



6E6E6E



# Same Dimension

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



8097A6



9EC2D9



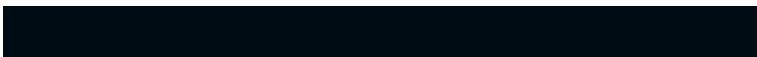
8084A6



4C5154



005A94



000C14



# Inverse Universe

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



A68097



D99EC2



A6A280



544C51



94005A



14000C



# Previews

## White Background



This preview shows how the Hex color 8097A6 looks on a white background.

## Color Contrast Check

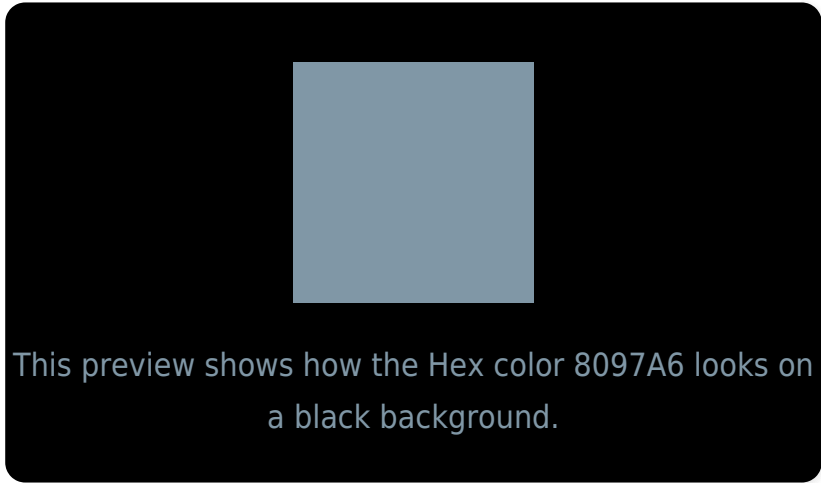
Large Text (above 18pt) WCAG AA ✓ Pass

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

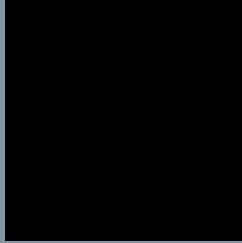
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

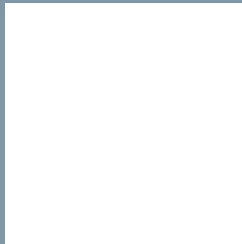
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8097A6 Background



This preview shows how black text looks on a background with the Hex color 8097A6.



This preview shows how white text looks on a background with the Hex color 8097A6.

# 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



**Original Color**  
8097A6

**Protanopia**  
9192A3

**Deuteranopia**  
9890A8



**Tritanopia**  
7F97A3

# Trichromacy



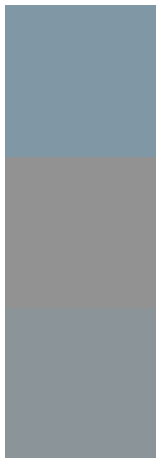
**Original Color**  
8097A6

**Protanomaly**  
8B94A4

**Deuteranomaly**  
8F93A7

**Tritanomaly**  
7F97A4

# Monochromacy



**Original Color**  
8097A6

**Achromatopsia**  
929292

**Achromatomaly**  
8B9499

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8097A6 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 #8097A6 looks like.

```
.text, #text, p{  
    color:#8097A6  
}
```

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 #8097A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8097A6
}
```

## Border

The CSS property to change the border of an element to Hex 8097A6 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
#8097A6 }
```

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

```
.border{ border-color:#8097A6 }
```

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

Here you see how a box with a 4 pixel #8097A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8097A6; -webkit-box-shadow:4px 4px  
4px 4px #8097A6; box-shadow:4px 4px 4px  
4px #8097A6 }
```

# Background

The CSS property to change the background color of an element to Hex 8097A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8097A6 }
```

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

```
.background{ background-color:#8097A6 }
```

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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