

# Converting Colors

Hex(96BFC7)

Have a look what the booklet for  
Hex(96BFC7) contains.

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# **Color**

**Hex(96BFC7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96BFC7
RGB	150, 191, 199
RGB Percent	59%, 75%, 78%
CMY	0.4118, 0.2510, 0.2196
CMYK	0.25, 0.04, 0.00, 0.22
HSL	190°, 30%, 68%
HSV	190°, 25%, 78%
XYZ	41.5173, 47.8692, 61.0843
YIQ	179.6530, -27.0040, -6.2040

# Conversions

## Conversions Part 2

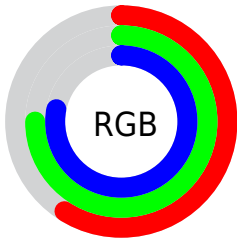
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 172, 199
Decimal	9879495
CIELab	74.74, -11.76, -8.50
CIELCh	75, 14.507, 215.859
Yxy	47.8692, 0.2759, 0.3181
Android (android.graphics.Color)	4288069575 (0xFF96BFC7)
YUV	179.6530, 9.5381, -26.0057
Hunter-Lab	69.1875, -13.9659, -3.9147

# Details

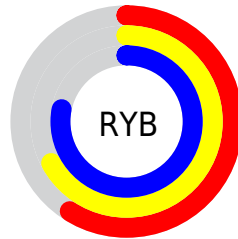
The Hex color **96BFC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C79E96**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CDF7FF**, and **628A91** is the 20% darker color. If you saturate the color by 10%, you get **82BCC7**, and if you desaturate by 10%, it is **AAC2C7**.

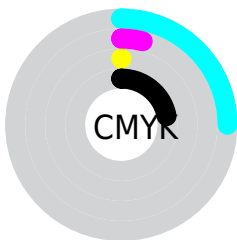
# Distribution



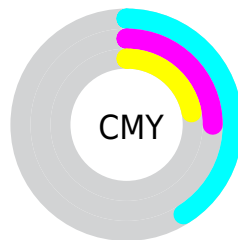
- Red (59%)
- Green (75%)
- Blue (78%)



- Red (59%)
- Yellow (67%)
- Blue (78%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (25%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96BFC7 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 96BFC7 by changing the saturation by 10% instead.





96BFC7



96BFC7

FFFFFF



7CA4AC



CDF7FF



628A91



EAFFFF



497078



30585F



174047



002A31



00161C



000000



96BFC7



96BFC7

82BCC7

AAC2C7

6EB9C7

BEC5C7

5AB5C7

D2C9C7

46B2C7

E6CCC7

33AFC7

FACFC7

1FACC7

FFD2C7

0BA8C7

FFD6C7

00A7C7

FFD9C7

FFDCC7

# Harmonies

## Analogous

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



98C0BA



96BFC7



9EBCD0

# Triad

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



96BFC7



CCB0C3



C0B89D

# Complementary

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



96BFC7



C79E96

# 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.



CDB3A0



96BFC7



D4AFB6

# Square

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



96BFC7



BEB4CE



D4B0A9



B1BCA2

# Rectangle

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



96BFC7



A7BAD2



D4B0A9



C5B69E

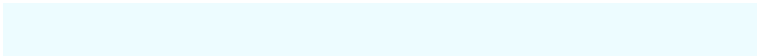


# Sweetspot

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



96BFC7



EDFCFF



96C79D



757E80



000000



808080

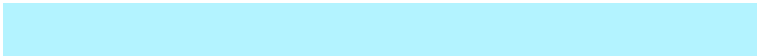


# Same Dimension

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



96BFC7



B3F3FF



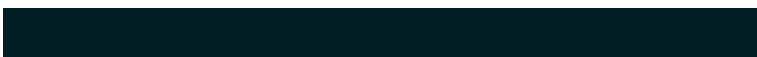
96A7C7



5A6263



0089A3



001E24



# Inverse Universe

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



C796BF



FFB3F3



C7B696



635A62



A30089

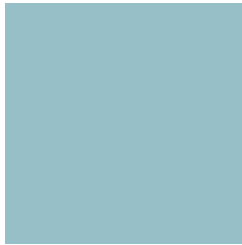


24001E



# Previews

## White Background



This preview shows how the Hex color 96BFC7 looks on a white background.

## Color Contrast Check

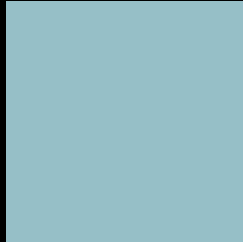
Large Text (above 18pt) WCAG AA × Fail

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 96BFC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

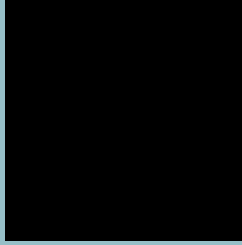
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

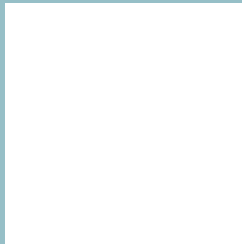
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96BFC7 Background



This preview shows how black text looks on a background with the Hex color 96BFC7.



This preview shows how white text looks on a background with the Hex color 96BFC7.

# 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



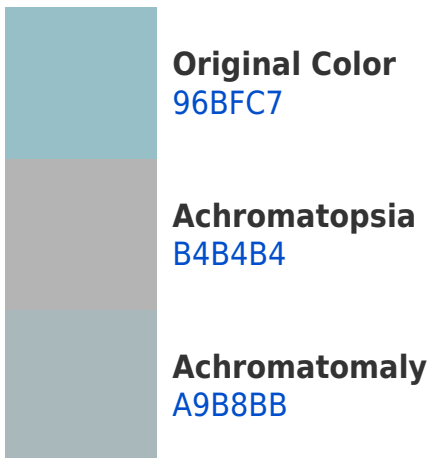


**Tritanopia**  
97BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96BFC7 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 #96BFC7 looks like.

```
.text, #text, p{  
    color:#96BFC7  
}
```

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 #96BFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BFC7
}
```

## Border

The CSS property to change the border of an element to Hex 96BFC7 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
#96BFC7 }
```

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

```
.border{ border-color:#96BFC7 }
```

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

Here you see how a box with a 4 pixel #96BFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BFC7; -webkit-box-shadow:4px 4px  
4px 4px #96BFC7; box-shadow:4px 4px 4px  
4px #96BFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 96BFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BFC7 }
```

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

```
.background{ background-color:#96BFC7 }
```

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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