

# Converting Colors

Hex(7ABFC1)

Have a look what the booklet for  
Hex(7ABFC1) contains.

<b>Hex(7ABFC1)</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(7ABFC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ABFC1
RGB	122, 191, 193
RGB Percent	48%, 75%, 76%
CMY	0.5216, 0.2510, 0.2431
CMYK	0.37, 0.01, 0.00, 0.24
HSL	182°, 36%, 62%
HSV	182°, 37%, 76%
XYZ	36.2825, 45.2494, 57.2738
YIQ	170.5970, -41.7660, -14.0060

# Conversions

## Conversions Part 2

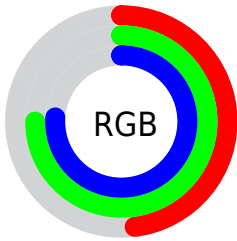
Format	Color
<a href="#">RYB</a>	<a href="#">122, 157, 193</a>
Decimal	<a href="#">8044481</a>
CIELab	<a href="#">73.06, -21.15, -7.90</a>
CIELCh	<a href="#">73, 22.582, 200.483</a>
Yxy	<a href="#">45.2494, 0.2614, 0.3260</a>
Android (android.graphics.Color)	<a href="#">4286234561 (0xFF7ABFC1)</a>
YUV	<a href="#">170.5970, 11.0447, -42.6196</a>
Hunter-Lab	<a href="#">67.2677, -21.4401, -3.3940</a>

# Details

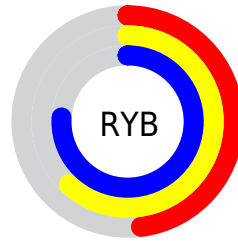
The Hex color **7ABFC1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C17C7A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B1F8F9**, and **44898C** is the 20% darker color. If you saturate the color by 10%, you get **67BEC1**, and if you desaturate by 10%, it is **8DC0C1**.

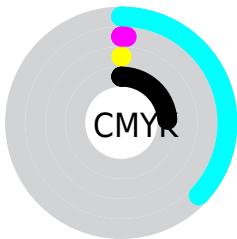
# Distribution



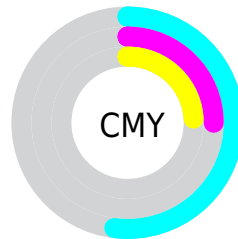
- Red (48%)
- Green (75%)
- Blue (76%)



- Red (48%)
- Yellow (62%)
- Blue (76%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (52%)
- Magenta (25%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7ABFC1 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 7ABFC1 by changing the saturation by 10% instead.



 7ABFC1

 7ABFC1

FFFFFF

 5FA4A6

 B1F8F9

 44898C

 CEFFFF

 287072

 EBFFFF

 00575A

 004042

 00292C

 001318

 000000

 7ABFC1

 7ABFC1

67BEC1

8DC0C1

53BEC1

A1C0C1

40BDC1

B4C1C1

2DBDC1

C7C1C1

1ABCC1

DBC2C1

06BCC1

EEC2C1

00BCC1

FFC3C1

FFC4C1

# Harmonies

## Analogous

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



87BFAC



7ABFC1



7EBCD3

# Triad

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



7ABFC1



C8AACE



C9B08B

# Complementary

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



7ABFC1



C17C7A

# 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.



D8A994



7ABFC1



D9A5BB

# Square

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



7ABFC1



AEB0DA



DEA5A6



B4B68C

# Rectangle

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



7ABFC1



8AB9DA



DEA5A6



CFAD8D



# Sweetspot

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



7ABFC1



DEF9FA



7AC17B



6D7C7D



FCFCFC



7D7D7D



# Same Dimension

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



7ABFC1



8CF7FA



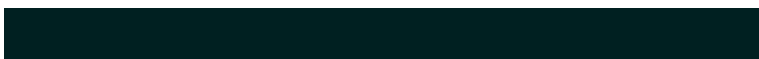
7A9CC1



576161



009CA1



002021



# Inverse Universe

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



C17ABF



FA8CF7



C19F7A



615761



A1009C

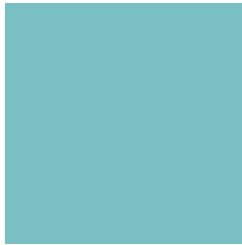


210020



# Previews

## White Background



This preview shows how the Hex color 7ABFC1 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 7ABFC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

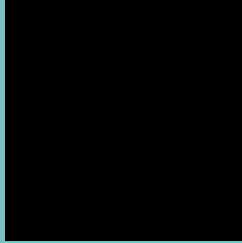
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

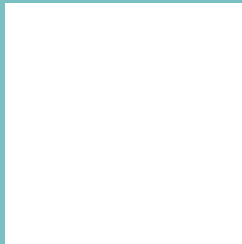
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7ABFC1 Background



This preview shows how black text looks on a background with the Hex color 7ABFC1.

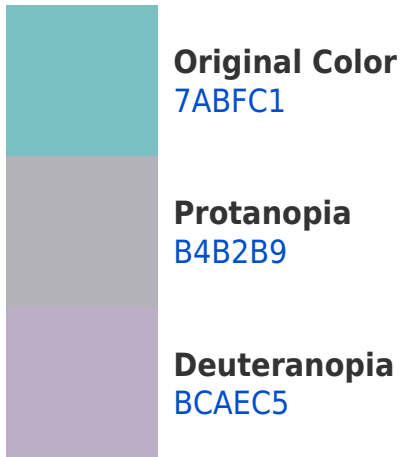


This preview shows how white text looks on a background with the Hex color 7ABFC1.

# Color Blindness Simulation

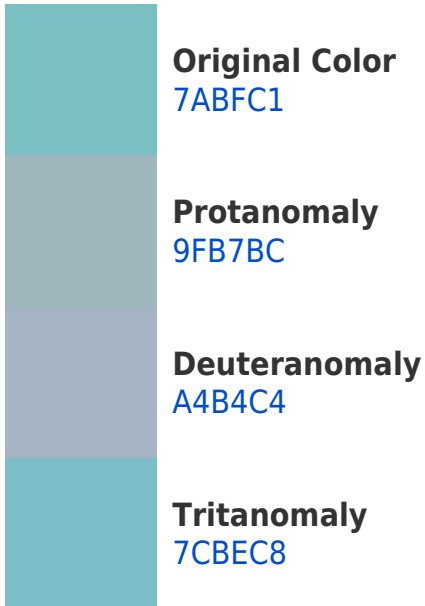
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7ABFC1 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 #7ABFC1 looks like.

```
.text, #text, p{  
    color:#7ABFC1  
}
```

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 #7ABFC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ABFC1  
}
```

## Border

The CSS property to change the border of an element to Hex 7ABFC1 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  
#7ABFC1 }
```

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

```
.border{ border-color:#7ABFC1 }
```

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

Here you see how a box with a 4 pixel #7ABFC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ABFC1; -webkit-box-shadow:4px 4px  
4px 4px #7ABFC1; box-shadow:4px 4px 4px  
4px #7ABFC1 }
```

# Background

The CSS property to change the background color of an element to Hex 7ABFC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ABFC1 }
```

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

```
.background{ background-color:#7ABFC1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor