

# Converting Colors

Hex(71B3AF)

Have a look what the booklet for  
Hex(71B3AF) contains.

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**Color**

**Hex(71B3AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B3AF
RGB	113, 179, 175
RGB Percent	44%, 70%, 69%
CMY	0.5569, 0.2980, 0.3137
CMYK	0.37, 0.00, 0.02, 0.30
HSL	176°, 30%, 57%
HSV	176°, 37%, 70%
XYZ	30.6680, 38.8461, 46.4391
YIQ	158.8100, -38.0520, -15.2360

# Conversions

## Conversions Part 2

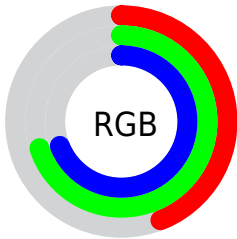
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 147, 179
Decimal	7451567
CIELab	68.64, -21.89, -4.62
CIELCh	69, 22.367, 191.911
Yxy	38.8461, 0.2645, 0.3350
Android (android.graphics.Color)	4285641647 (0xFF71B3AF)
YUV	158.8100, 7.9817, -40.1754
Hunter-Lab	62.3266, -21.2400, -0.5479

# Details

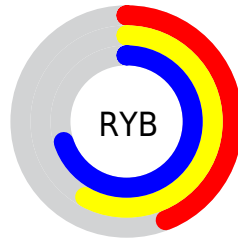
The Hex color **71B3AF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B37175**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A8EBE6**, and **3C7E7B** is the 20% darker color. If you saturate the color by 10%, you get **5FB3AE**, and if you desaturate by 10%, it is **83B3B0**.

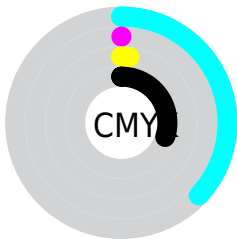
# Distribution



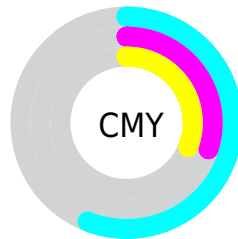
- Red (44%)
- Green (70%)
- Blue (69%)



- Red (44%)
- Yellow (58%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B3AF 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 71B3AF by changing the saturation by 10% instead.





71B3AF



71B3AF

FFFFFF



569894



A8EBE6



3C7E7B



C4FFFF



206562



E0FFFF



004D4A

FEFFFF



003534



00211E



000006



000000



71B3AF



71B3AF

 5FB3AE

 83B3B0

 4DB3AD

 95B3B1

 3BB3AC

 A7B3B2

 29B3AB

 B9B3B3

 17B3AA

 CBB3B4

 06B3A8

 DCB3B6

 00B3A8

 EEB3B7

 FFB3B8

 FFB3B9

# Harmonies

## Analogous

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



81B29A



71B3AF



6FB1C2

# Triad

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



71B3AF



B5A0C6



C2A281

# Complementary

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



71B3AF



B37175

# 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.



CE9C8D



71B3AF



C89AB4

# Square

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



71B3AF



9AA7CF



D199A0



AEA980

# Rectangle

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



71B3AF



79AFCA



D199A0



C7A084



# Sweetspot

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



71B3AF



CFE8E7



75B371



667574



F5F5F5



757575



# Same Dimension

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



71B3AF



82E8E2



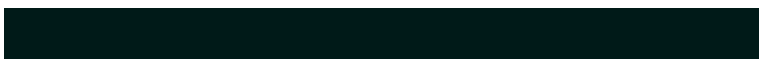
7196B3



505959



009990



001A18



# Inverse Universe

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



B37175



E88288



B38E71



595051



990009

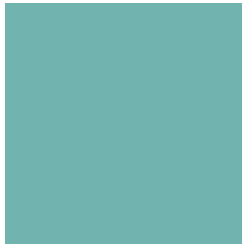


1A0002



# Previews

## White Background



This preview shows how the Hex color 71B3AF looks on a white background.

## Color Contrast Check

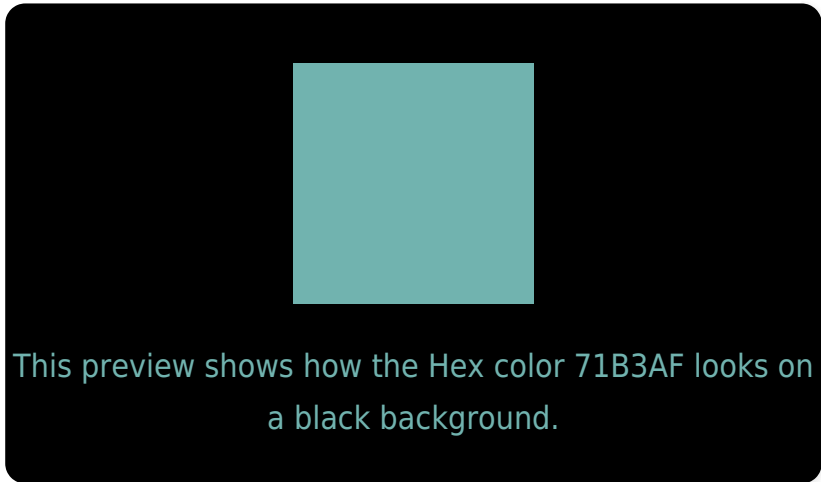
Large Text (above 18pt) WCAG AA × Fail

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

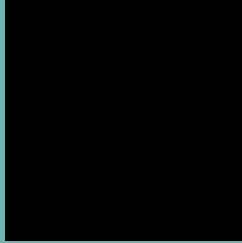
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

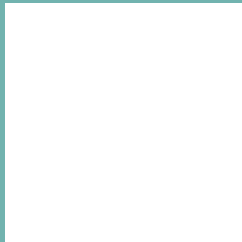
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71B3AF Background



This preview shows how black text looks on a background with the Hex color 71B3AF.

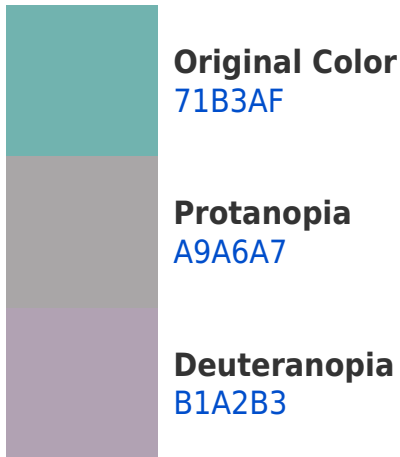


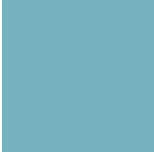
This preview shows how white text looks on a background with the Hex color 71B3AF.

# 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](#).

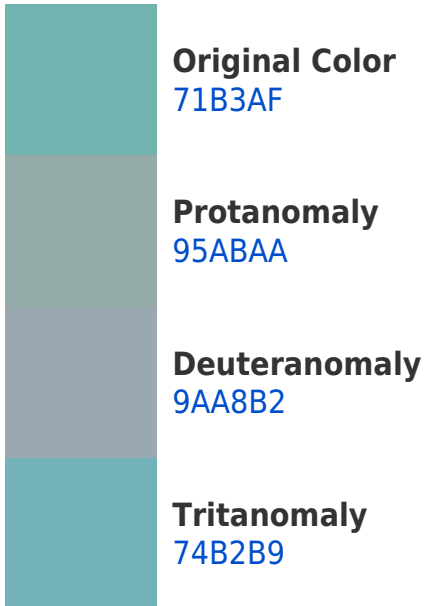
## Dichromacy



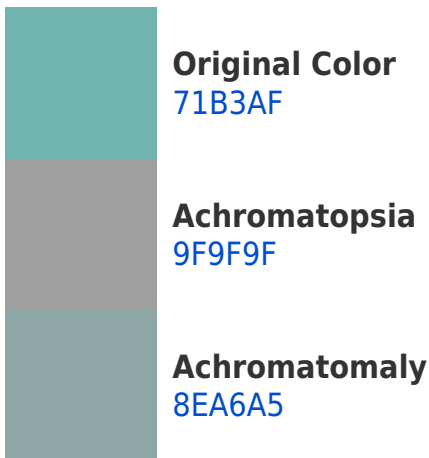


**Tritanopia**  
75B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B3AF 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 #71B3AF looks like.

```
.text, #text, p{  
    color:#71B3AF  
}
```

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 #71B3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B3AF
}
```

## Border

The CSS property to change the border of an element to Hex 71B3AF 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
#71B3AF }
```

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

```
.border{ border-color:#71B3AF }
```

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

Here you see how a box with a 4 pixel #71B3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B3AF; -webkit-box-shadow:4px 4px  
4px 4px #71B3AF; box-shadow:4px 4px 4px  
4px #71B3AF }
```

# Background

The CSS property to change the background color of an element to Hex 71B3AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B3AF }
```

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

```
.background{ background-color:#71B3AF }
```

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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