

# Converting Colors

Hex(73B1A8)

Have a look what the booklet for  
Hex(73B1A8) contains.

<b>Hex(73B1A8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(73B1A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B1A8
RGB	115, 177, 168
RGB Percent	45%, 69%, 66%
CMY	0.5490, 0.3059, 0.3412
CMYK	0.35, 0.00, 0.05, 0.31
HSL	171°, 28%, 57%
HSV	171°, 35%, 69%
XYZ	29.8603, 37.9163, 42.7906
YIQ	157.4360, -34.0630, -15.9430

# Conversions

## Conversions Part 2

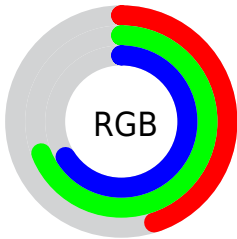
Format	Color
<a href="#">RYB</a>	<a href="#">115, 148, 177</a>
Decimal	<a href="#">7582120</a>
CIELab	<a href="#">67.96, -21.99, -1.74</a>
CIELCh	<a href="#">68, 22.057, 184.523</a>
Yxy	<a href="#">37.9163, 0.2701, 0.3429</a>
Android (android.graphics.Color)	<a href="#">4285772200 (0xFF73B1A8)</a>
YUV	<a href="#">157.4360, 5.2081, -37.2164</a>
Hunter-Lab	<a href="#">61.5762, -21.1980, 1.9015</a>

# Details

The Hex color **73B1A8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B1737C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9E9DF**, and **3F7C74** is the 20% darker color. If you saturate the color by 10%, you get **61B1A5**, and if you desaturate by 10%, it is **85B1AB**.

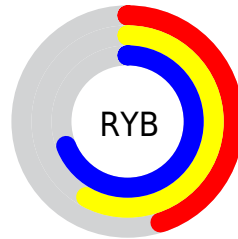
# Distribution



Red (45%)

Green (69%)

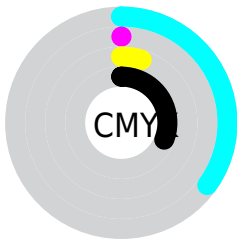
Blue (66%)



Red (45%)

Yellow (58%)

Blue (69%)

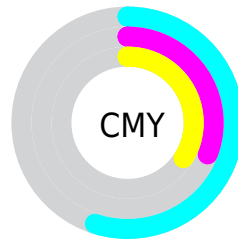


Cyan (35%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B1A8 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 73B1A8 by changing the saturation by 10% instead.



 73B1A8

 73B1A8

FFFFFF

 59968E

 A9E9DF

 3F7C74

 C5FFFC

 24635C

 E2FFFF

 024B44

 00342E

 001F19

 000000

 73B1A8

 73B1A8

 61B1A5

 85B1AB

■ 50B1A3

■ 96B1AD

■ 3EB1A0

■ A8B1B0

■ 2CB19E

■ BAB1B2

■ 1AB19B

■ CBB1B5

■ 09B199

■ DDB1B7

■ 00B197

■ EFB1BA

■ FFB1BD

■ FFB1BF

# Harmonies

## Analogous

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



85AF94



73B1A8



6DB0BB

# Triad

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



73B1A8



AD9FC6



C39F82

# Complementary

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



73B1A8



B1737C

# 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.



CD9990



73B1A8



C29AB7

# Square

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



73B1A8



92A6CD



CD97A3



B2A57E

# Rectangle

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



73B1A8



73AEC5



CD97A3



C89D86



# Sweetspot

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



73B1A8



CCE6E2



7CB173



647371



F2F2F2



737373



# Same Dimension

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



73B1A8



85E6D8



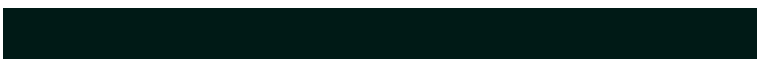
739BB1



505958



009983



001A16



# Inverse Universe

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



B1737C



E68593



B18973



595052



990016

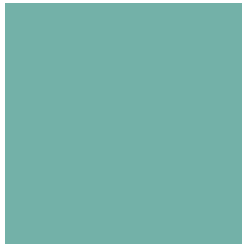


1A0004



# Previews

## White Background



This preview shows how the Hex color 73B1A8 looks on a white background.

## Color Contrast Check

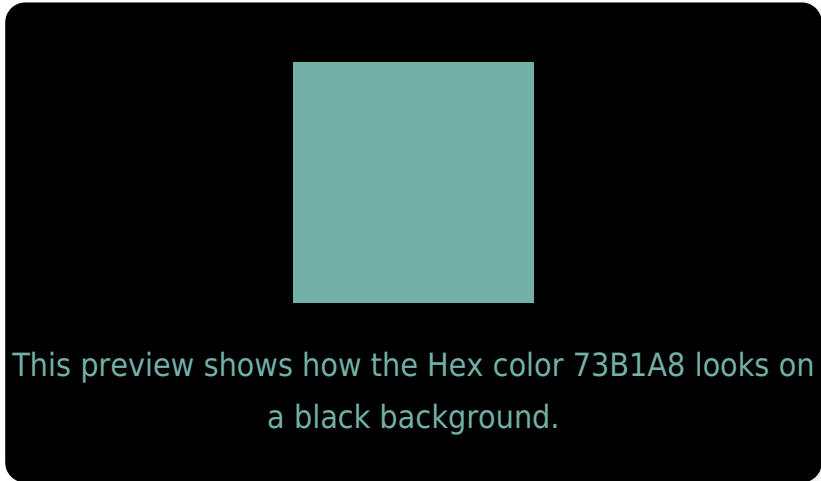
Large Text (above 18pt) WCAG AA × Fail

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

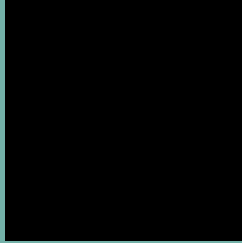
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73B1A8 Background



This preview shows how black text looks on a background with the Hex color 73B1A8.

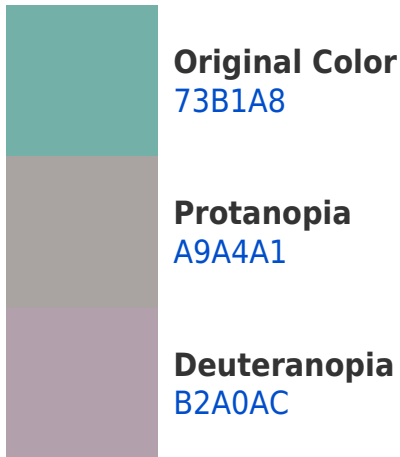


This preview shows how white text looks on a background with the Hex color 73B1A8.

# 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](#).

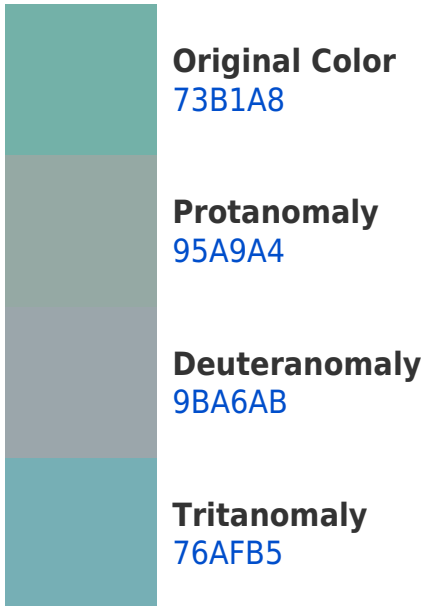
## Dichromacy



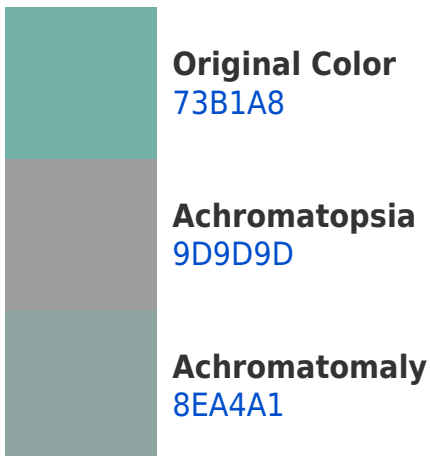


**Tritanopia**  
78AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B1A8 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 #73B1A8 looks like.

```
.text, #text, p{  
    color:#73B1A8  
}
```

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 #73B1A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B1A8  
}
```

## Border

The CSS property to change the border of an element to Hex 73B1A8 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  
#73B1A8 }
```

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

```
.border{ border-color:#73B1A8 }
```

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

Here you see how a box with a 4 pixel #73B1A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B1A8; -webkit-box-shadow:4px 4px  
4px 4px #73B1A8; box-shadow:4px 4px 4px  
4px #73B1A8 }
```

# Background

The CSS property to change the background color of an element to Hex 73B1A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B1A8 }
```

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

```
.background{ background-color:#73B1A8 }
```

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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