

Converting Colors

Hex(71BB8B)

Have a look what the booklet for
Hex(71BB8B) contains.

Hex(71BB8B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71BB8B)

Conversions

Conversions Part 1

Format	Color
Hex	71BB8B
RGB	113, 187, 139
RGB Percent	44%, 73%, 55%
CMY	0.5569, 0.2667, 0.4549
CMYK	0.40, 0.00, 0.26, 0.27
HSL	141°, 35%, 59%
HSV	141°, 40%, 73%
XYZ	29.2406, 40.9154, 30.7824
YIQ	159.4020, -28.6960, -30.6160

Conversions

Conversions Part 2

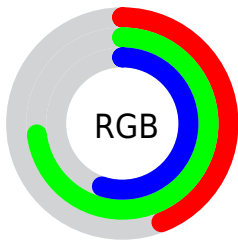
Format	Color
RYB	113, 168, 187
Decimal	7453579
CIELab	70.12, -33.66, 17.21
CIELCh	70, 37.803, 152.913
Yxy	40.9154, 0.2897, 0.4054
Android (android.graphics.Color)	4285643659 (0xFF71BB8B)
YUV	159.4020, -10.0582, -40.6946
Hunter-Lab	63.9652, -30.3409, 16.2431

Details

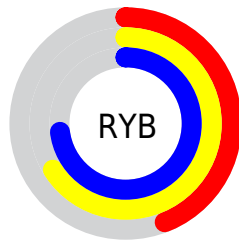
The Hex color **71BB8B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB71A1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A8F4C1**, and **3C8559** is the 20% darker color. If you saturate the color by 10%, you get **5EBB7F**, and if you desaturate by 10%, it is **84BB97**.

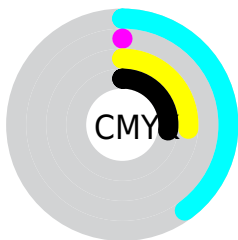
Distribution



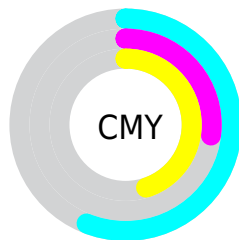
- Red (44%)
- Green (73%)
- Blue (55%)



- Red (44%)
- Yellow (66%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (56%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BB8B 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 71BB8B by changing the saturation by 10% instead.



71BB8B



71BB8B

FFFFFF



56A071



A8F4C1



3C8559



C4FFDD



206C41



E0FFF9



00532B



FDFFFF



003B16



002600



000100



000000



71BB8B



71BB8B

 5EBB7F

 84BB97

 4CBB73

 96BBA3

 39BB67

 A9BBAF

 26BB5A

 BCBBBC

 14BB4E

 CEBBC8

 01BB42

 E1BBD4

 00BB42

 F4BBE0

 FFBEC

 FFBBF8

Harmonies

Analogous

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



9BB471



71BB8B



41BEAE

Triad

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



71BB8B



7FAEFO



EC9488

Complementary

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



71BB8B



BB71A1

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.



EC91A9



71BB8B



B4A1E5

Square

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



71BB8B



42B7E8



D996CB



DC9F6F

Rectangle

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



71BB8B



1FBDC5



D996CB



EE9292

Sweetspot

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



71BB8B



D5F2DF



A1BB71



697A6F



FAFAFA



7A7A7A

Same Dimension

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



71BB8B



80F2A8



71BBB0



555E58



009E38



001F0B

Inverse Universe

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



BB71A1



F280CA



BB717C



5E555B



9E0067



1F0014

Previews

White Background



This preview shows how the Hex color 71BB8B looks on a white background.

Color Contrast Check

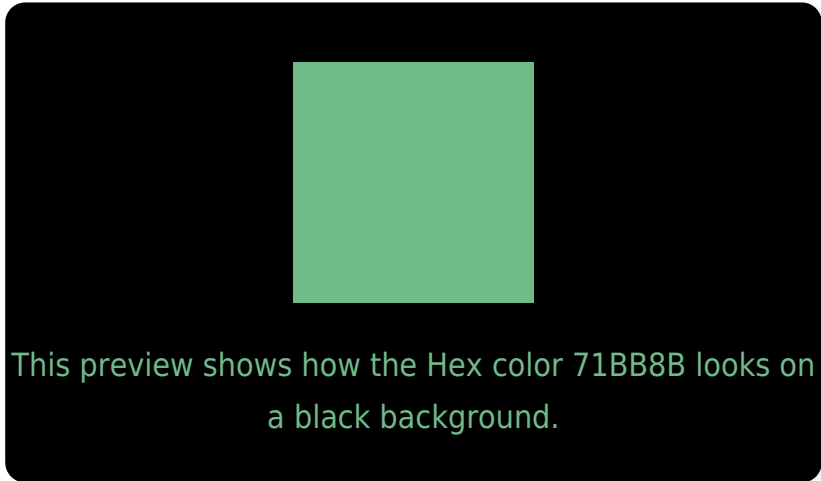
Large Text (above 18pt) WCAG AA × Fail

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

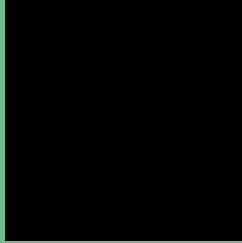
Any Text WCAG AA ✓ Pass

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 71BB8B Background



This preview shows how black text looks on a background with the Hex color 71BB8B.

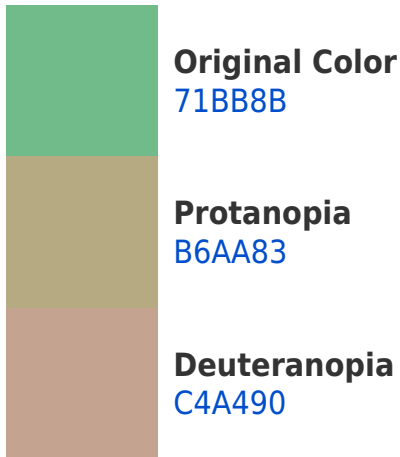


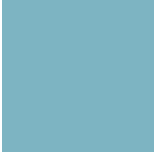
This preview shows how white text looks on a background with the Hex color 71BB8B.

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](#).

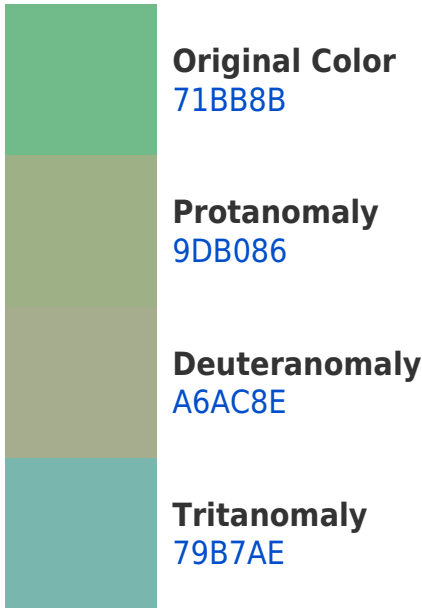
Dichromacy



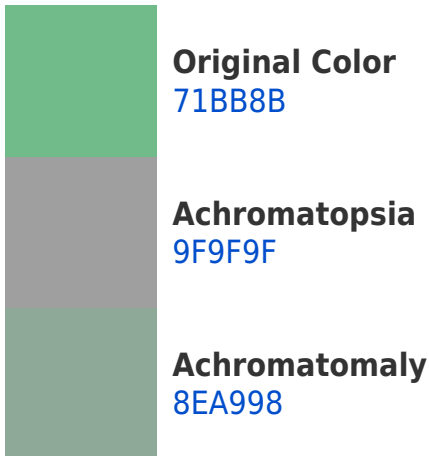


Tritanopia
7DB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BB8B 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 #71BB8B looks like.

```
.text, #text, p{  
    color:#71BB8B  
}
```

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 #71BB8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BB8B
}
```

Border

The CSS property to change the border of an element to Hex 71BB8B 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
#71BB8B }
```

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

```
.border{ border-color:#71BB8B }
```

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

Here you see how a box with a 4 pixel #71BB8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BB8B; -webkit-box-shadow:4px 4px  
4px 4px #71BB8B; box-shadow:4px 4px 4px  
4px #71BB8B }
```

Background

The CSS property to change the background color of an element to Hex 71BB8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BB8B }
```

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

```
.background{ background-color:#71BB8B }
```

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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