

Converting Colors

Hex(71BB9B)

Have a look what the booklet for
Hex(71BB9B) contains.

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Color

Hex(71BB9B)

Conversions

Conversions Part 1

Format	Color
Hex	71BB9B
RGB	113, 187, 155
RGB Percent	44%, 73%, 61%
CMY	0.5569, 0.2667, 0.3922
CMYK	0.40, 0.00, 0.17, 0.27
HSL	154°, 35%, 59%
HSV	154°, 40%, 73%
XYZ	30.4968, 41.4179, 37.3975
YIQ	161.2260, -33.8320, -25.6400

Conversions

Conversions Part 2

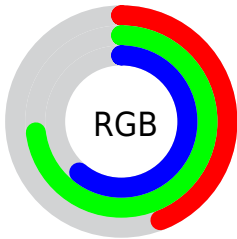
Format	Color
RYB	113, 160, 187
Decimal	7453595
CIELab	70.47, -30.40, 9.02
CIELCh	70, 31.714, 163.478
Yxy	41.4179, 0.2790, 0.3789
Android (android.graphics.Color)	4285643675 (0xFF71BB9B)
YUV	161.2260, -3.0694, -42.2942
Hunter-Lab	64.3568, -28.0384, 10.5965

Details

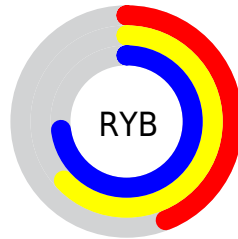
The Hex color **71BB9B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BB7191**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A8F4D1**, and **3C8568** is the 20% darker color. If you saturate the color by 10%, you get **5EBB93**, and if you desaturate by 10%, it is **84BBA3**.

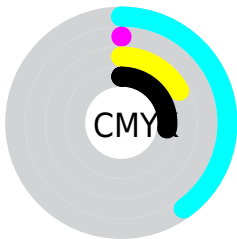
Distribution



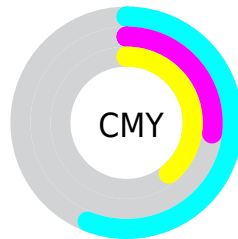
- Red (44%)
- Green (73%)
- Blue (61%)



- Red (44%)
- Yellow (63%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)




- Cyan (56%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BB9B 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 71BB9B by changing the saturation by 10% instead.

 71BB9B

 71BB9B

FFFFFF

 56A081

 A8F4D1

 3C8568

 C4FFEE

 1F6C50

 E0FFFF

 005339

FEFFFF


 003B23

 00260E

 000300

 000000

 71BB9B

 71BB9B

 5EBB93

 84BBA3

 4CBB8B

 96BBAB

 39BB83

 A9BBB3

 26BB7B

 BCBBBB

 14BB73

 CEBBC3

 01BB6A

 E1BBCC

 00BB6A

 F4BBD4

 FFBDC

 FFBBE4

Harmonies

Analogous

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



93B682



71BB9B



54BCB9

Triad

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



71BB9B



9AABE4



E19C86

Complementary

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



71BB9B



BB7191

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.



E697A0



71BB9B



C1A0D6

Square

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



71BB9B



6EB4E3



DB99BD



CEA576

Rectangle

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



71BB9B



4CBBCB



DB99BD



E49A8E

Sweetspot

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



71BB9B



D5F2E6



91BB71



697A73



FAFAFA



7A7A7A

Same Dimension

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



71BB9B



80F2C1



71B6BB



555E5A



009E5A



001F11

Inverse Universe

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



BB7191



F280B2



BB7671



5E5559



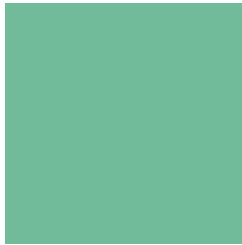
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 71BB9B looks on a white background.

Color Contrast Check

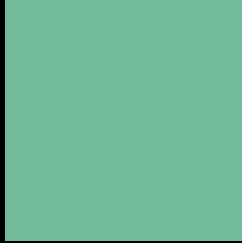
Large Text (above 18pt) WCAG AA × Fail

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 71BB9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

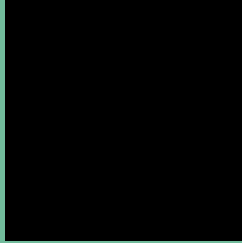
Any Text WCAG AA ✓ Pass

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 71BB9B Background



This preview shows how black text looks on a background with the Hex color 71BB9B.



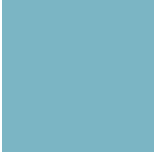
This preview shows how white text looks on a background with the Hex color 71BB9B.

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](#).

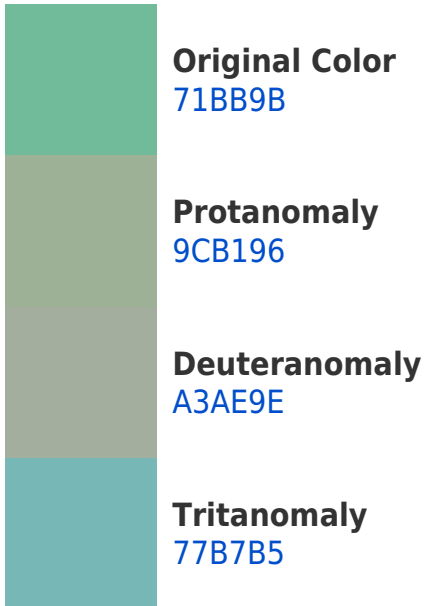
Dichromacy



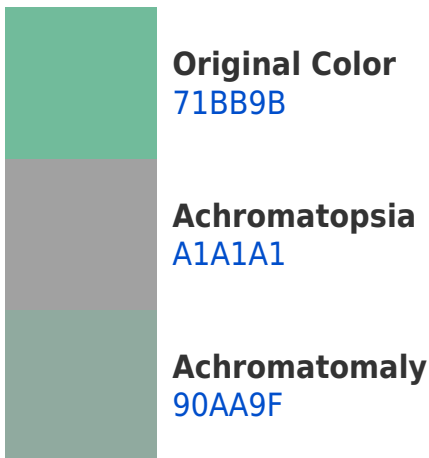


Tritanopia
7BB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BB9B 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 #71BB9B looks like.

```
.text, #text, p{  
    color:#71BB9B  
}
```

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 #71BB9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BB9B
}
```

Border

The CSS property to change the border of an element to Hex 71BB9B 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
#71BB9B }
```

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

```
.border{ border-color:#71BB9B }
```

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

Here you see how a box with a 4 pixel #71BB9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BB9B; -webkit-box-shadow:4px 4px  
4px 4px #71BB9B; box-shadow:4px 4px 4px  
4px #71BB9B }
```

Background

The CSS property to change the background color of an element to Hex 71BB9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BB9B }
```

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

```
.background{ background-color:#71BB9B }
```

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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