

Converting Colors

Hex(71BC9B)

Have a look what the booklet for
Hex(71BC9B) contains.

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Color

Hex(71BC9B)

Conversions

Conversions Part 1

Format	Color
Hex	71BC9B
RGB	113, 188, 155
RGB Percent	44%, 74%, 61%
CMY	0.5569, 0.2627, 0.3922
CMYK	0.40, 0.00, 0.18, 0.26
HSL	154°, 36%, 59%
HSV	154°, 40%, 74%
XYZ	30.7097, 41.8437, 37.4684
YIQ	161.8130, -34.1070, -26.1630

Conversions

Conversions Part 2

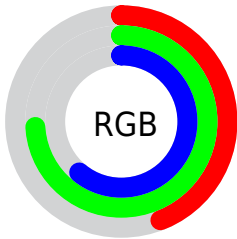
Format	Color
R_{YB}	113, 161, 188
Decimal	7453851
CIE _{Lab}	70.76, -30.88, 9.44
CIE _{LCh}	71, 32.293, 163.003
Yxy	41.8437, 0.2791, 0.3803
Android (android.graphics.Color)	4285643931 (0xFF71BC9B)
YUV	161.8130, -3.3588, -42.8090
Hunter-Lab	64.6867, -28.4598, 10.9382

Details

The Hex color **71BC9B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC7192**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A8F5D1**, and **3C8668** is the 20% darker color. If you saturate the color by 10%, you get **5EBC93**, and if you desaturate by 10%, it is **84BCA3**.

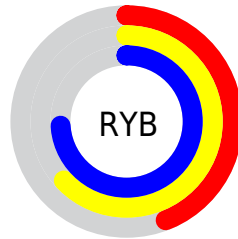
Distribution



Red (44%)

Green (74%)

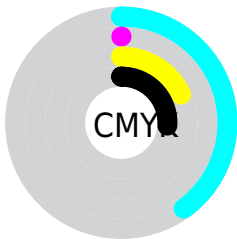
Blue (61%)



Red (44%)

Yellow (63%)

Blue (74%)

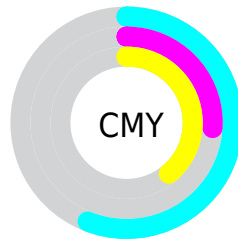


Cyan (40%)

Magenta (0%)

Yellow (18%)

Black (26%)



Cyan (56%)

Magenta (26%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BC9B 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 71BC9B by changing the saturation by 10% instead.

 71BC9B

 71BC9B

FFFFFF

 56A181

 A8F5D1

 3C8668

 C4FFEE

 1F6D50

 E0FFFF

 005439

FEFFFF


 003C23

 00260E

 000500

 000000

 71BC9B

 71BC9B

 5EBC93

 84BCA3

 4BBC8A

 97BCAC

 39BC82

 A9BCB4

 26BC7A

 BCBCBC

 13BC72

 CFBCC4

 00BC69

 E2BCCD

 F5BCD5

 FFBCDD

 FFBC E5

Harmonies

Analogous

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



94B781



71BC9B



52BDB9

Triad

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



71BC9B



99ACE6



E39C86

Complementary

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



71BC9B



BC7192

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.



E897A1



71BC9B



C1A1D8

Square

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



71BC9B



6DB5E5



DC99BF



D0A675

Rectangle

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



71BC9B



4ABCCC



DC99BF



E69A8F

Sweetspot

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



71BC9B



D7F5E8



93BC71



697A73



FAFAFA



7A7A7A

Same Dimension

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



71BC9B



7FF5C1



71B8BC



555E5A



009E59



001F11

Inverse Universe

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



BC7192



F57FB3



BC7571



5E5559



9E0046



1F000D

Previews

White Background



This preview shows how the Hex color 71BC9B looks on a white background.

Color Contrast Check

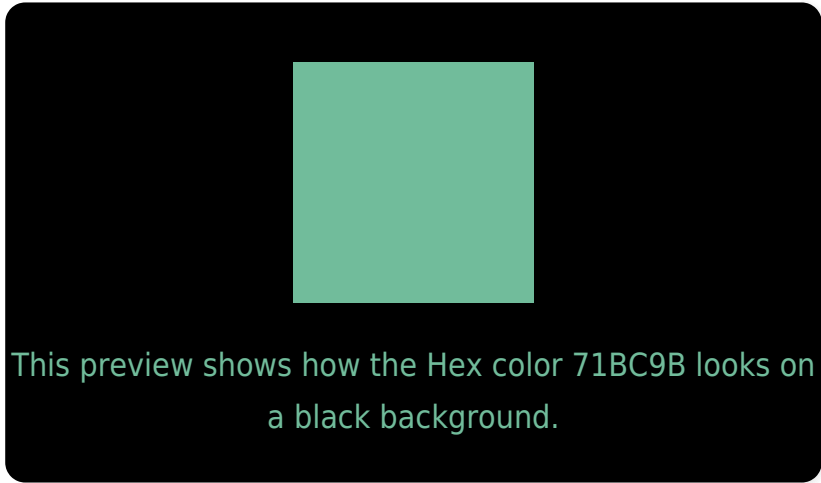
Large Text (above 18pt) WCAG AA × Fail

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

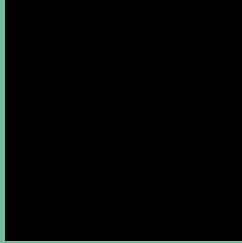
Any Text WCAG AA ✓ Pass

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 71BC9B Background



This preview shows how black text looks on a background with the Hex color 71BC9B.

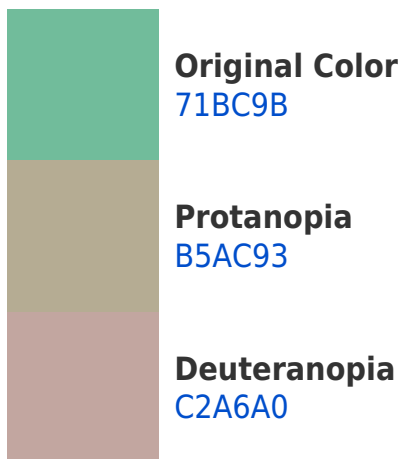


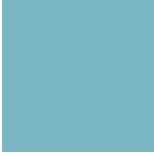
This preview shows how white text looks on a background with the Hex color 71BC9B.

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](#).

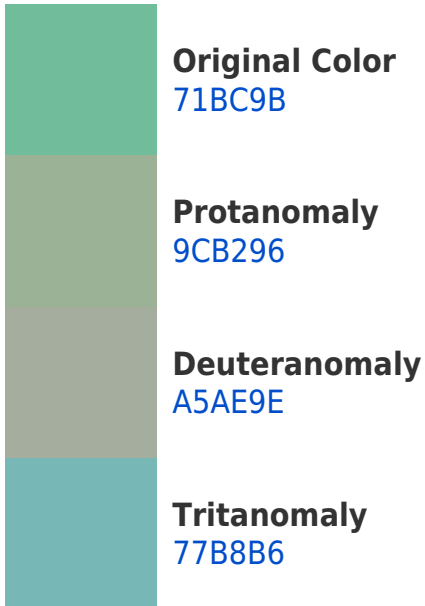
Dichromacy



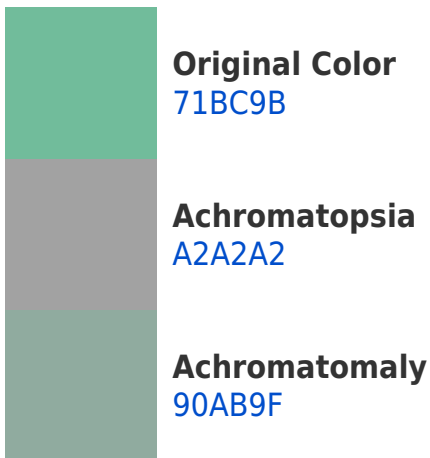


Tritanopia
7BB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BC9B 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 #71BC9B looks like.

```
.text, #text, p{  
    color:#71BC9B  
}
```

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 #71BC9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BC9B
}
```

Border

The CSS property to change the border of an element to Hex 71BC9B 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
#71BC9B }
```

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

```
.border{ border-color:#71BC9B }
```

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

Here you see how a box with a 4 pixel #71BC9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BC9B; -webkit-box-shadow:4px 4px  
4px 4px #71BC9B; box-shadow:4px 4px 4px  
4px #71BC9B }
```

Background

The CSS property to change the background color of an element to Hex 71BC9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BC9B }
```

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

```
.background{ background-color:#71BC9B }
```

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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