

Converting Colors

Hex(71C7B9)

Have a look what the booklet for
Hex(71C7B9) contains.

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Color

Hex(71C7B9)

Conversions

Conversions Part 1

Format	Color
Hex	71C7B9
RGB	113, 199, 185
RGB Percent	44%, 78%, 73%
CMY	0.5569, 0.2196, 0.2745
CMYK	0.43, 0.00, 0.07, 0.22
HSL	170°, 43%, 61%
HSV	170°, 43%, 78%
XYZ	35.9904, 47.8603, 53.2400
YIQ	171.6900, -46.7620, -22.5860

Conversions

Conversions Part 2

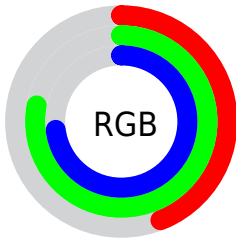
Format	Color
R _Y B	113, 160, 199
Decimal	7456697
CIE Lab	74.74, -29.38, -1.12
CIE LCh	75, 29.397, 182.185
Yxy	47.8603, 0.2625, 0.3491
Android (android.graphics.Color)	4285646777 (0xFF71C7B9)
YUV	171.6900, 6.5618, -51.4711
Hunter-Lab	69.1812, -28.2052, 2.7988

Details

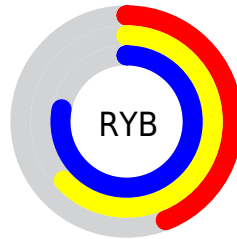
The Hex color **71C7B9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C7717F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A9FFF1**, and **399184** is the 20% darker color. If you saturate the color by 10%, you get **5DC7B6**, and if you desaturate by 10%, it is **85C7BC**.

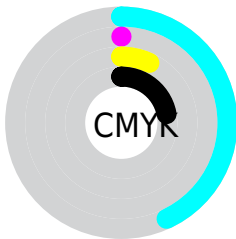
Distribution



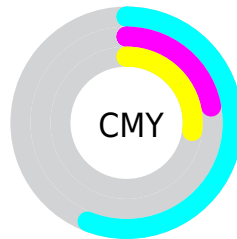
- Red (44%)
- Green (78%)
- Blue (73%)



- Red (44%)
- Yellow (63%)
- Blue (78%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C7B9 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 71C7B9 by changing the saturation by 10% instead.

 71C7B9

 71C7B9

FFFFFF

 55AB9E

 A9FFF1

 399184

 C6FFFF

 16776B

 E3FFFF

 005E53


 00453C

 002E26

 001A11

 000000

 71C7B9

 71C7B9

 5DC7B6

 85C7BC

 49C7B3

 99C7BF

 35C7AF

 ADC7C3

 21C7AC

 C1C7C6

 0EC7A9

 D5C7C9

 00C7A7

 E8C7CC

 FCC7D0

 FFC7D3

 FFC7D6

Harmonies

Analogous

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



8DC59E



71C7B9



64C6D4

Triad

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



71C7B9



BFB0E6



E0AE89

Complementary

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



71C7B9



C7717F

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.



EDA69C



71C7B9



DCA8D2

Square

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



71C7B9



98BAEE



ECA4B7



C9B782

Rectangle

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



71C7B9



6CC3E2



ECA4B7



E6AB8E

Sweetspot

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



71C7B9



DEFFFA



7FC771



6B807C



000000



808080

Same Dimension

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



71C7B9



7AFFE9



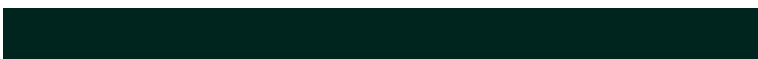
71AAC7



5A6362



00A389



00241E

Inverse Universe

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



C7717F



FF7A90



C78E71



635A5B



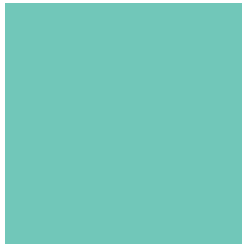
A3001B



240006

Previews

White Background



This preview shows how the Hex color 71C7B9 looks on a white background.

Color Contrast Check

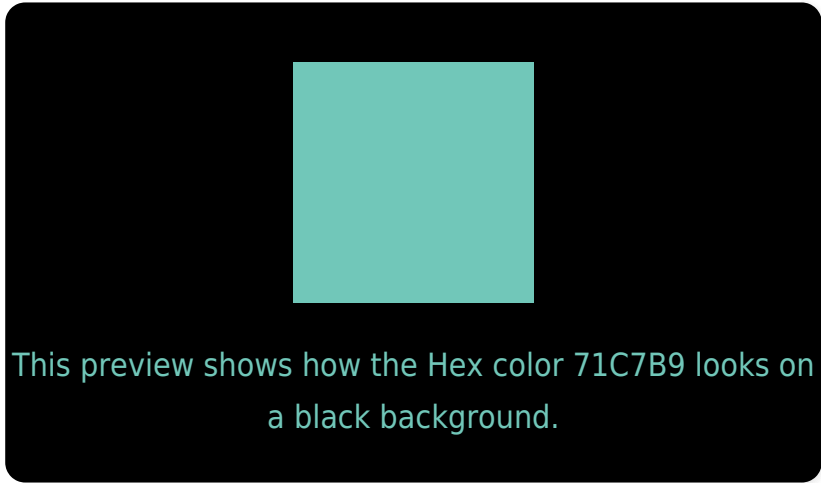
Large Text (above 18pt) WCAG AA × Fail

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

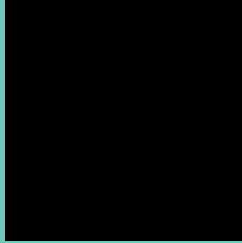
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

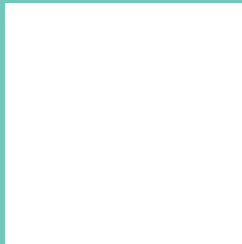
Any Text WCAG AAA ✓ Pass

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

Hex 71C7B9 Background



This preview shows how black text looks on a background with the Hex color 71C7B9.



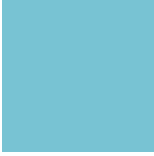
This preview shows how white text looks on a background with the Hex color 71C7B9.

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



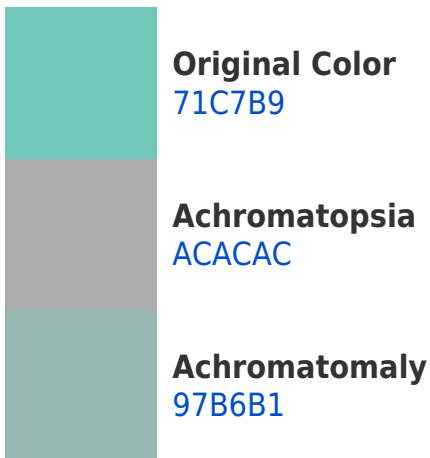


Tritanopia
78C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C7B9 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 #71C7B9 looks like.

```
.text, #text, p{  
    color:#71C7B9  
}
```

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 #71C7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C7B9
}
```

Border

The CSS property to change the border of an element to Hex 71C7B9 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
#71C7B9 }
```

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

```
.border{ border-color:#71C7B9 }
```

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

Here you see how a box with a 4 pixel #71C7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C7B9; -webkit-box-shadow:4px 4px  
4px 4px #71C7B9; box-shadow:4px 4px 4px  
4px #71C7B9 }
```

Background

The CSS property to change the background color of an element to Hex 71C7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C7B9 }
```

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

```
.background{ background-color:#71C7B9 }
```

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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