

Converting Colors

Hex(71B8C9)

Have a look what the booklet for
Hex(71B8C9) contains.

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Color

Hex(71B8C9)

Conversions

Conversions Part 1

Format	Color
Hex	71B8C9
RGB	113, 184, 201
RGB Percent	44%, 72%, 79%
CMY	0.5569, 0.2784, 0.2118
CMYK	0.44, 0.08, 0.00, 0.21
HSL	192°, 45%, 62%
HSV	192°, 44%, 79%
XYZ	34.4932, 42.0087, 61.5489
YIQ	164.7090, -47.7730, -9.7650

Conversions

Conversions Part 2

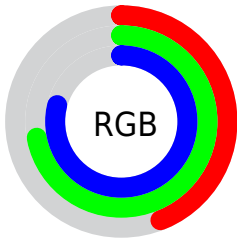
Format	Color
RYB	113, 152, 201
Decimal	7452873
CIELab	70.88, -17.83, -15.58
CIELCh	71, 23.674, 221.153
Yxy	42.0087, 0.2499, 0.3043
Android (android.graphics.Color)	4285642953 (0xFF71B8C9)
YUV	164.7090, 17.8915, -45.3488
Hunter-Lab	64.8141, -18.4296, -10.9331

Details

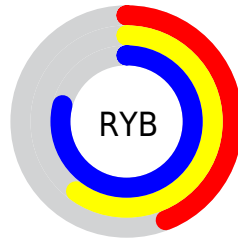
The Hex color **71B8C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98271**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A9F0FF**, and **398393** is the 20% darker color. If you saturate the color by 10%, you get **5DB4C9**, and if you desaturate by 10%, it is **85BCC9**.

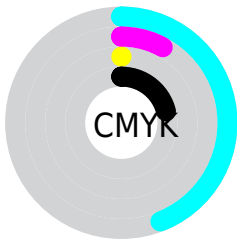
Distribution



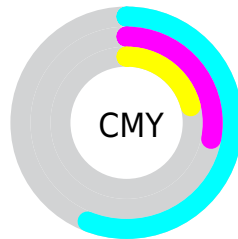
- Red (44%)
- Green (72%)
- Blue (79%)



- Red (44%)
- Yellow (60%)
- Blue (79%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)




- Cyan (56%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B8C9 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 71B8C9 by changing the saturation by 10% instead.

 71B8C9

 71B8C9

FFFFFF

 559DAE

 A9F0FF

 398393

 C5FFFF

 176A79

 E2FFFF


 005160

 003A49

 002432

 00081D

 000000

 71B8C9

 71B8C9

■ 5DB4C9

■ 85BCC9

■ 49B0C9

■ 99C0C9

■ 35ACC9

■ ADC4C9

■ 21A8C9

■ C1C8C9

■ 0CA5C9

■ D6CBC9

■ 00A2C9

■ EACFC9

■ FED3C9

■ FFD7C9

■ FFDBC9

Harmonies

Analogous

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



73BAB5



71B8C9



82B3D6

Triad

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



71B8C9



D0A0BC



B5AF83

Complementary

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



71B8C9



C98271

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.



CAA785



71B8C9



D99EA6

Square

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



71B8C9



BBA5CE



D7A192



9DB58D

Rectangle

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



71B8C9



95AFD8



D7A192



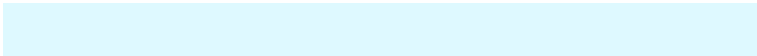
BDAC82

Sweetspot

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



71B8C9



DEF9FF



71C981



6B7C80



000000



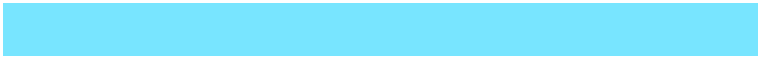
808080

Same Dimension

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



71B8C9



78E5FF



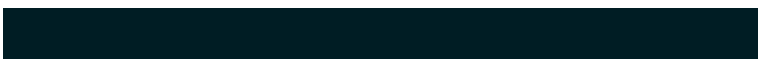
718DC9



5A6263



0084A3



001D24

Inverse Universe

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



C971B8



FF78E5



C9AD71



635A62



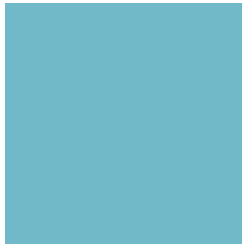
A30084



24001D

Previews

White Background



This preview shows how the Hex color 71B8C9 looks on a white background.

Color Contrast Check

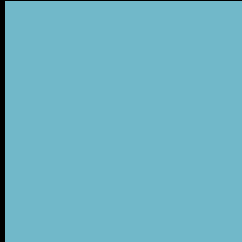
Large Text (above 18pt) WCAG AA × Fail

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 71B8C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

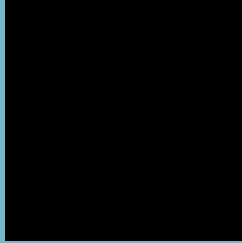
Any Text WCAG AA ✓ Pass

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 71B8C9 Background



This preview shows how black text looks on a background with the Hex color 71B8C9.

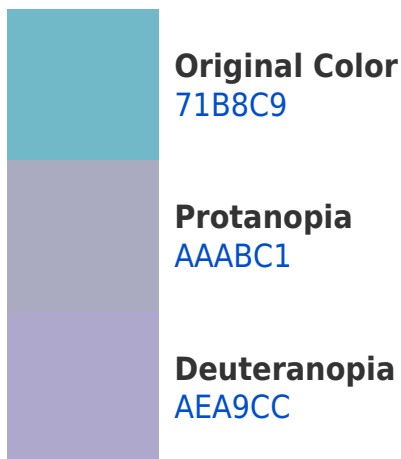


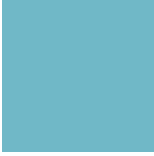
This preview shows how white text looks on a background with the Hex color 71B8C9.

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](#).

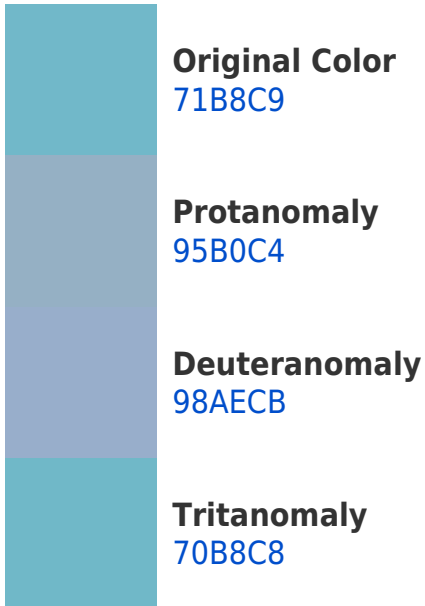
Dichromacy



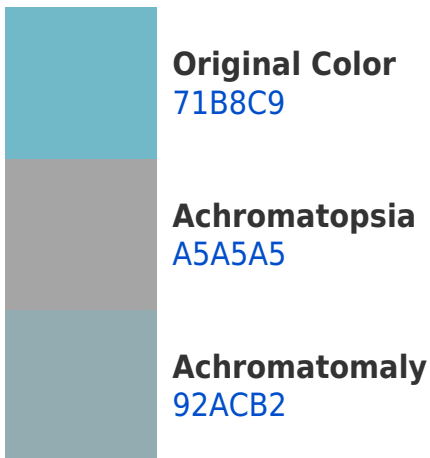


Tritanopia
70B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B8C9 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 #71B8C9 looks like.

```
.text, #text, p{  
    color:#71B8C9  
}
```

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 #71B8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B8C9
}
```

Border

The CSS property to change the border of an element to Hex 71B8C9 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
#71B8C9 }
```

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

```
.border{ border-color:#71B8C9 }
```

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

Here you see how a box with a 4 pixel #71B8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B8C9; -webkit-box-shadow:4px 4px  
4px 4px #71B8C9; box-shadow:4px 4px 4px  
4px #71B8C9 }
```

Background

The CSS property to change the background color of an element to Hex 71B8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B8C9 }
```

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

```
.background{ background-color:#71B8C9 }
```

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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