

# Converting Colors

Hex(71BAC9)

Have a look what the booklet for  
Hex(71BAC9) contains.

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# **Color**

**Hex(71BAC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71BAC9
RGB	113, 186, 201
RGB Percent	44%, 73%, 79%
CMY	0.5569, 0.2706, 0.2118
CMYK	0.44, 0.07, 0.00, 0.21
HSL	190°, 45%, 62%
HSV	190°, 44%, 79%
XYZ	34.9116, 42.8456, 61.6883
YIQ	165.8830, -48.3230, -10.8110

# Conversions

## Conversions Part 2

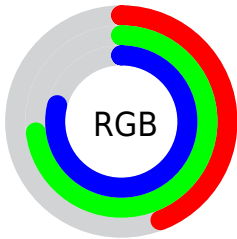
Format	Color
R <sub>YB</sub>	113, 153, 201
Decimal	7453385
CIE Lab	71.45, -18.86, -14.72
CIE LCh	71, 23.922, 217.965
Yxy	42.8456, 0.2504, 0.3073
Android (android.graphics.Color)	4285643465 (0xFF71BAC9)
YUV	165.8830, 17.3127, -46.3784
Hunter-Lab	65.4565, -19.3450, -10.0572

# Details

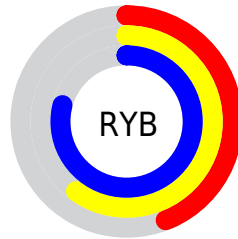
The Hex color **71BAC9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98071**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A9F2FF**, and **398593** is the 20% darker color. If you saturate the color by 10%, you get **5DB7C9**, and if you desaturate by 10%, it is **85BDC9**.

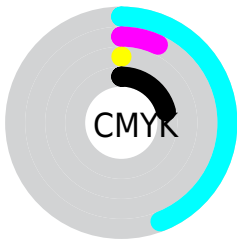
# Distribution



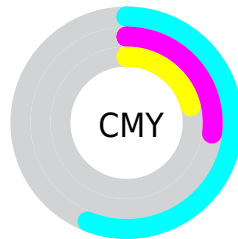
- Red (44%)
- Green (73%)
- Blue (79%)



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



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (27%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71BAC9 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 71BAC9 by changing the saturation by 10% instead.



 71BAC9

 71BAC9

FFFFFF

 559FAE

 A9F2FF

 398593

 C6FFFF

 176B79

 E3FFFF


 005360


 003C49

 002632

 000C1D

 000000

 71BAC9

 71BAC9

■ 5DB7C9

■ 85BDC9

■ 49B3C9

■ 99C1C9

■ 35B0C9

■ ADC4C9

■ 21ACC9

■ C1C8C9

■ 0CA9C9

■ D6CBC9

■ 00A7C9

■ EACFC9

■ FED2C9

■ FFD5C9

■ FFD9C9

# Harmonies

## Analogous

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



75BBB4



71BAC9



81B6D7

# Triad

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



71BAC9



D0A1C0



B9AF84

# Complementary

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



71BAC9



C98071

# 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.



CDA887



71BAC9



DB9FAA

# Square

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



71BAC9



BAA7D1



DAA295



A1B68C

# Rectangle

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



71BAC9



93B1DA



DAA295



C1AD84

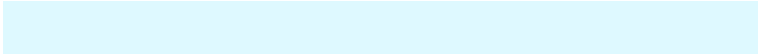


# Sweetspot

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



71BAC9



DEF9FF



71C980



6B7C80



000000



808080



# Same Dimension

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



71BAC9



78E8FF



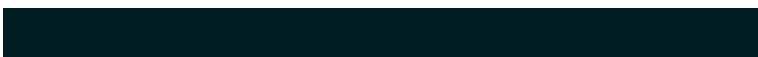
718EC9



5A6263



0087A3



001E24



# Inverse Universe

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



C971BA



FF78E8



C9AC71



635A62



A30087

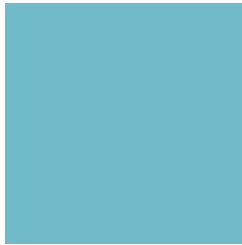


24001E



# Previews

## White Background



This preview shows how the Hex color 71BAC9 looks on a white background.

## Color Contrast Check

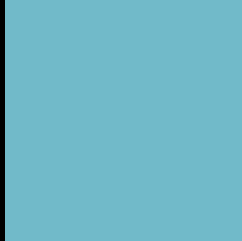
Large Text (above 18pt) WCAG AA × Fail

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 71BAC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

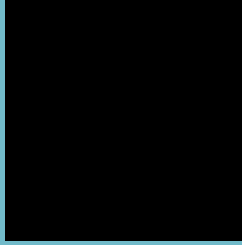
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

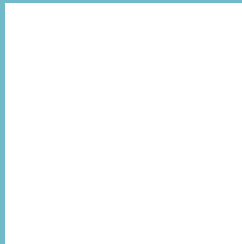
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71BAC9 Background



This preview shows how black text looks on a background with the Hex color 71BAC9.

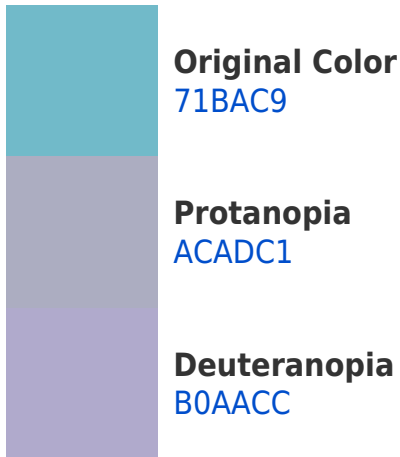


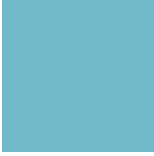
This preview shows how white text looks on a background with the Hex color 71BAC9.

# 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](#).

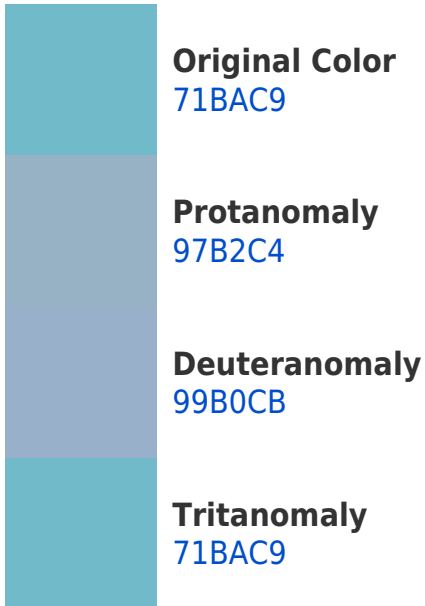
## Dichromacy



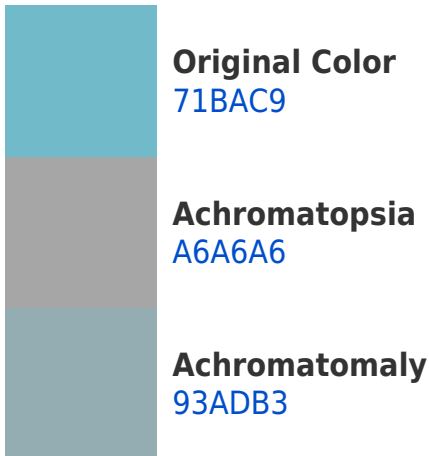


**Tritanopia**  
71BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71BAC9 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 #71BAC9 looks like.

```
.text, #text, p{  
    color:#71BAC9  
}
```

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 #71BAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BAC9
}
```

## Border

The CSS property to change the border of an element to Hex 71BAC9 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
#71BAC9 }
```

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

```
.border{ border-color:#71BAC9 }
```

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

Here you see how a box with a 4 pixel #71BAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BAC9; -webkit-box-shadow:4px 4px  
4px 4px #71BAC9; box-shadow:4px 4px 4px  
4px #71BAC9 }
```

# Background

The CSS property to change the background color of an element to Hex 71BAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BAC9 }
```

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

```
.background{ background-color:#71BAC9 }
```

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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