

# Converting Colors

Hex(7BB4C9)

Have a look what the booklet for  
Hex(7BB4C9) contains.

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# **Color**

**Hex(7BB4C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB4C9
RGB	123, 180, 201
RGB Percent	48%, 71%, 79%
CMY	0.5176, 0.2941, 0.2118
CMYK	0.39, 0.10, 0.00, 0.21
HSL	196°, 42%, 64%
HSV	196°, 39%, 79%
XYZ	35.0323, 41.0705, 61.3393
YIQ	165.3510, -40.7130, -5.5530

# Conversions

## Conversions Part 2

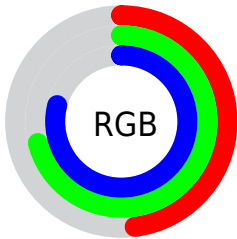
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	123, 156, 201
Decimal	8107209
CIE Lab	70.23, -13.17, -16.52
CIE LCh	70, 21.123, 231.433
Yxy	41.0705, 0.2549, 0.2988
Android (android.graphics.Color)	4286297289 (0xFF7BB4C9)
YUV	165.3510, 17.5750, -37.1418
Hunter-Lab	64.0863, -14.5754, -11.8882

# Details

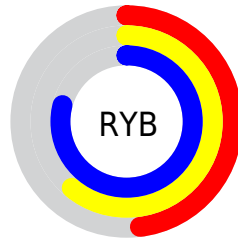
The Hex color **7BB4C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C9907B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B2ECFF**, and **457F93** is the 20% darker color. If you saturate the color by 10%, you get **67AFC9**, and if you desaturate by 10%, it is **8FB9C9**.

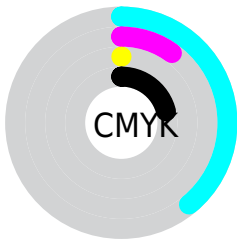
# Distribution



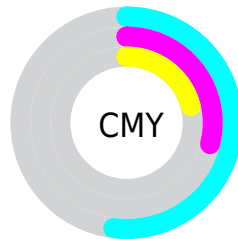
- Red (48%)
- Green (71%)
- Blue (79%)



- Red (48%)
- Yellow (61%)
- Blue (79%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (52%)
- Magenta (29%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB4C9 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 7BB4C9 by changing the saturation by 10% instead.



 7BB4C9

 7BB4C9

FFFFFF

 6099AE

 B2ECFF

 457F93

 CFFFFFF

 296679

 ECFFFF

 034E60

 003749

 002232

 00031D

 000000

 7BB4C9

 7BB4C9

67AFC9

8FB9C9

53A9C9

A3BFC9

3FA4C9

B7C4C9

2B9EC9

CBCAC9

1799C9

E0CFC9

0294C9

F4D4C9

0093C9

FFDAC9

FFDFC9

FFE5C9

# Harmonies

## Analogous

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



77B7B9



7BB4C9



8EAFD1

# Triad

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



7BB4C9



CF9FB2



ACAF88

# Complementary

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



7BB4C9



C9907B

# 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.



C0A986



7BB4C9



D49F9F

# Square

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



7BB4C9



BFA2C4



CEA28E



96B493

# Rectangle

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



7BB4C9



9FABD1



CEA28E



B3AD86



# Sweetspot

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



7BB4C9



E0F7FF



7BC990



6E7B80



000000



808080

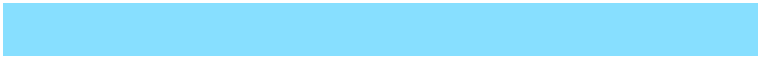


# Same Dimension

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



7BB4C9



87DFFF



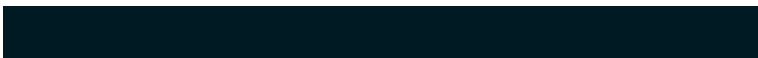
7B8DC9



5A6163



0077A3



001A24



# Inverse Universe

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



C97BB4



FF87DF



C9B77B



635A61



A30077

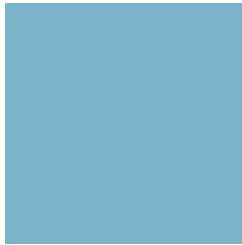


24001A



# Previews

## White Background



This preview shows how the Hex color 7BB4C9 looks on a white background.

## Color Contrast Check

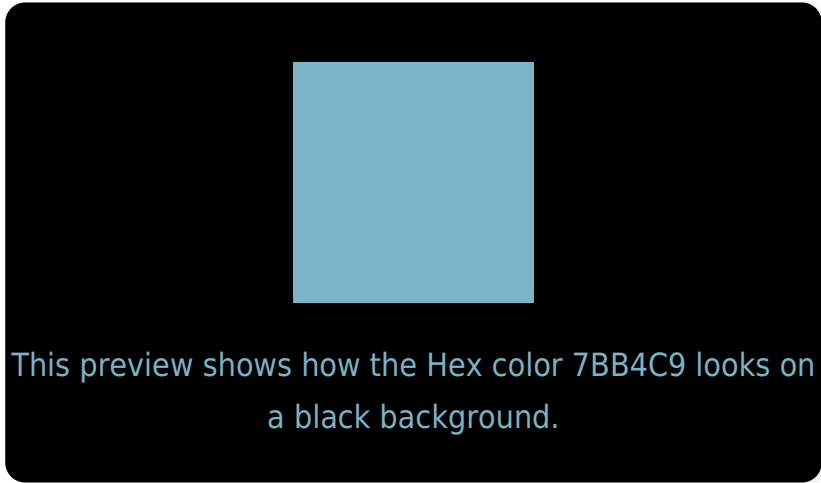
Large Text (above 18pt) WCAG AA × Fail

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

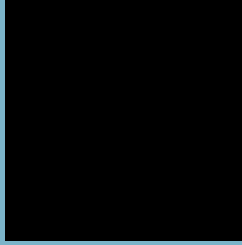
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BB4C9 Background



This preview shows how black text looks on a background with the Hex color 7BB4C9.

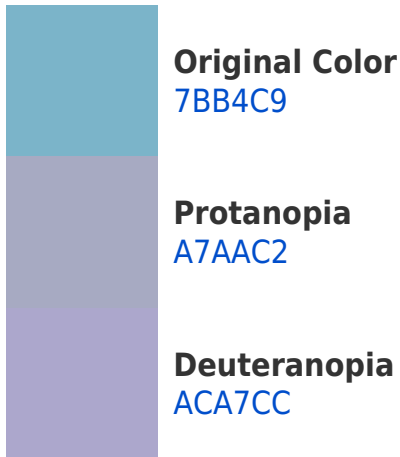


This preview shows how white text looks on a background with the Hex color 7BB4C9.

# 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](#).

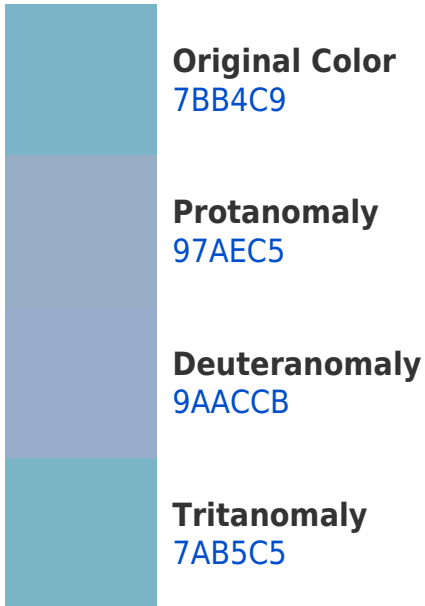
## Dichromacy



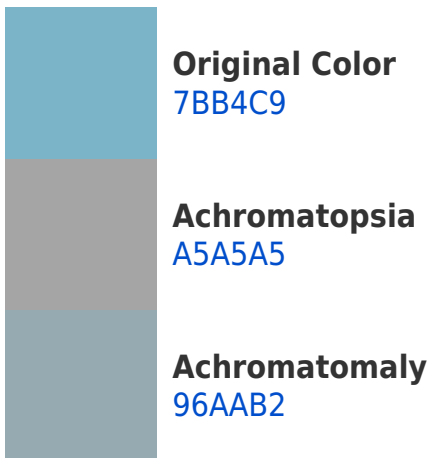


**Tritanopia**  
7AB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB4C9 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 #7BB4C9 looks like.

```
.text, #text, p{  
    color:#7BB4C9  
}
```

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 #7BB4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB4C9
}
```

## Border

The CSS property to change the border of an element to Hex 7BB4C9 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
#7BB4C9 }
```

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

```
.border{ border-color:#7BB4C9 }
```

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

Here you see how a box with a 4 pixel #7BB4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB4C9; -webkit-box-shadow:4px 4px  
4px 4px #7BB4C9; box-shadow:4px 4px 4px  
4px #7BB4C9 }
```

# Background

The CSS property to change the background color of an element to Hex 7BB4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB4C9 }
```

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

```
.background{ background-color:#7BB4C9 }
```

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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