

# Converting Colors

Hex(71A8C7)

Have a look what the booklet for  
Hex(71A8C7) contains.

<b>Hex(71A8C7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(71A8C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71A8C7
RGB	113, 168, 199
RGB Percent	44%, 66%, 78%
CMY	0.5569, 0.3412, 0.2196
CMYK	0.43, 0.16, 0.00, 0.22
HSL	202°, 43%, 61%
HSV	202°, 43%, 78%
XYZ	31.1215, 35.6395, 59.2717
YIQ	155.0890, -42.7310, -2.0190

# Conversions

## Conversions Part 2

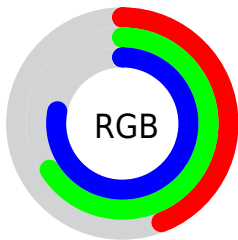
Format	Color
R <sub>Y</sub> B	113, 147, 199
Decimal	7448775
CIE Lab	66.24, -9.88, -21.50
CIE LCh	66, 23.662, 245.333
Yxy	35.6395, 0.2469, 0.2828
Android (android.graphics.Color)	4285638855 (0xFF71A8C7)
YUV	155.0890, 21.6481, -36.9121
Hunter-Lab	59.6988, -11.4194, -17.0766

# Details

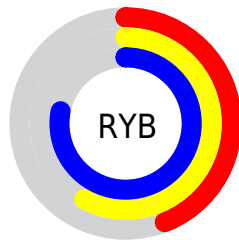
The Hex color **71A8C7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79071**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A8DFFF**, and **3A7491** is the 20% darker color. If you saturate the color by 10%, you get **5DA1C7**, and if you desaturate by 10%, it is **85AFC7**.

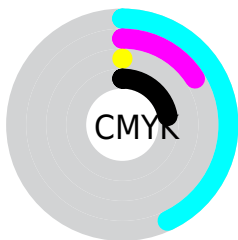
# Distribution



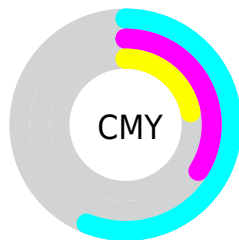
- Red (44%)
- Green (66%)
- Blue (78%)



- Red (44%)
- Yellow (58%)
- Blue (78%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (34%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A8C7 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 71A8C7 by changing the saturation by 10% instead.



 71A8C7

 71A8C7

FFFFFF

 568EAC

 A8DFFF

 3A7491

 C5FCFF

 1B5B77

 E1FFFF

 00445E

 002E47

 001A30

 00011B

 000000

 71A8C7

 71A8C7

■ 5DA1C7

■ 85AFC7

■ 499AC7

■ 99B6C7

■ 3592C7

■ ADBEC7

■ 218BC7

■ C1C5C7

■ 0E84C7

■ D5CCC7

■ 007FC7

■ E8D3C7

■ FCDAC7

■ FFE1C7

■ FFE9C7

# Harmonies

## Analogous

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



63ACB9



71A8C7



8CA2CB

# Triad

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



71A8C7



CB929E



96A77E

# Complementary

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



71A8C7



C79071

# 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.



ADA177



71A8C7



CB9489

# Square

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



71A8C7



C094B3



C09A7B



7DAB8F

# Rectangle

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



71A8C7



A09DC7



C09A7B



9EA57A

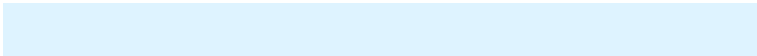


# Sweetspot

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



71A8C7



DEF3FF



71C78F



6B7880



000000



808080

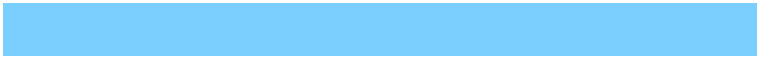


# Same Dimension

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



71A8C7



7ACFFF



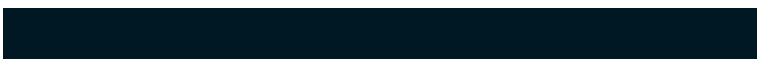
717EC7



5A6063



0068A3



001724



# Inverse Universe

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



C771A8



FF7ACF



C7BA71



635A60



A30068



240017



# Previews

## White Background



This preview shows how the Hex color 71A8C7 looks on a white background.

## Color Contrast Check

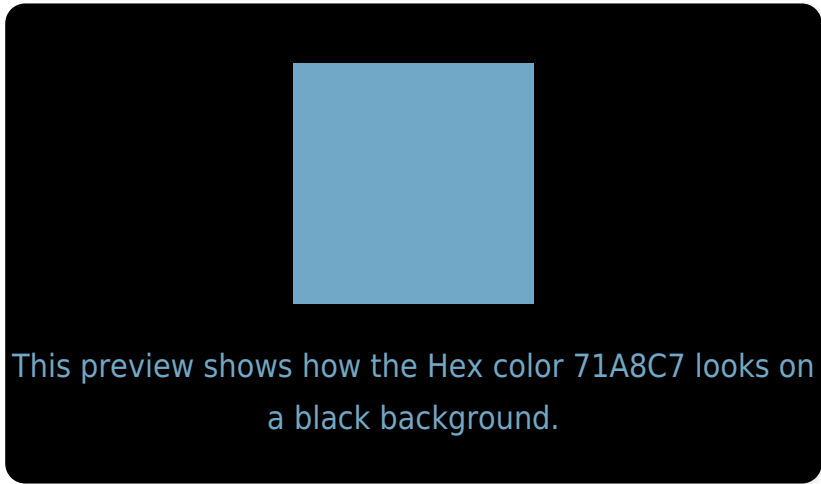
Large Text (above 18pt) WCAG AA × Fail

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

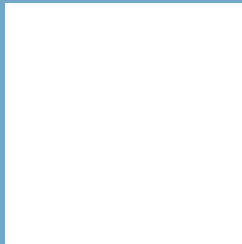
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71A8C7 Background



This preview shows how black text looks on a background with the Hex color 71A8C7.

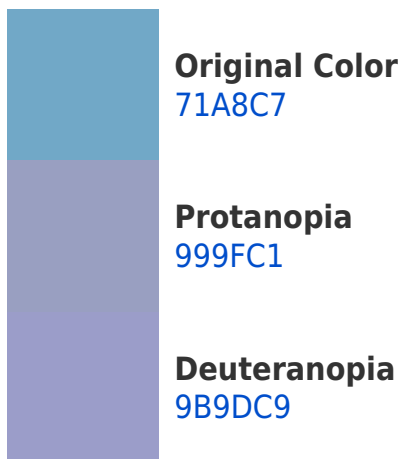


This preview shows how white text looks on a background with the Hex color 71A8C7.

# 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](#).

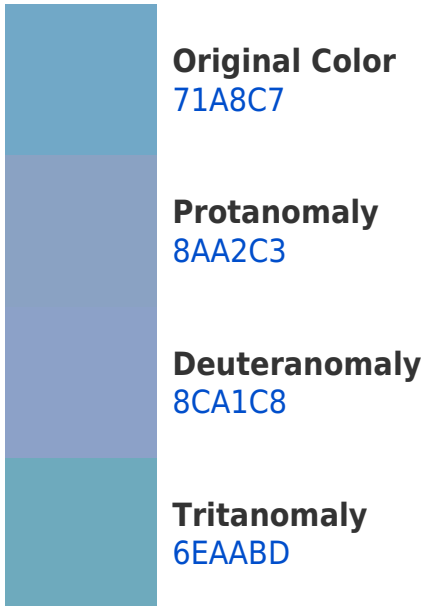
## Dichromacy



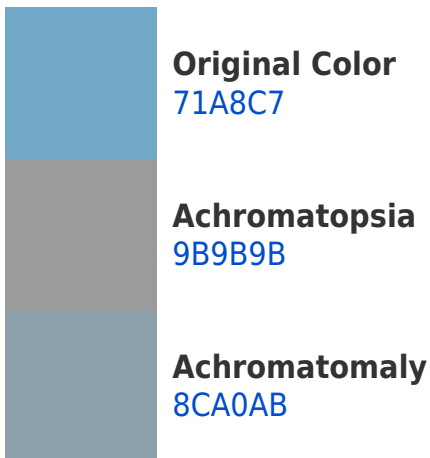


**Tritanopia**  
6DABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A8C7 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 #71A8C7 looks like.

```
.text, #text, p{  
    color:#71A8C7  
}
```

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 #71A8C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A8C7
}
```

## Border

The CSS property to change the border of an element to Hex 71A8C7 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
#71A8C7 }
```

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

```
.border{ border-color:#71A8C7 }
```

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

Here you see how a box with a 4 pixel #71A8C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A8C7; -webkit-box-shadow:4px 4px  
4px 4px #71A8C7; box-shadow:4px 4px 4px  
4px #71A8C7 }
```

# Background

The CSS property to change the background color of an element to Hex 71A8C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A8C7 }
```

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

```
.background{ background-color:#71A8C7 }
```

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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