

Converting Colors

Hex(71A9D1)

Have a look what the booklet for
Hex(71A9D1) contains.

Hex(71A9D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71A9D1)

Conversions

Conversions Part 1

Format	Color
Hex	71A9D1
RGB	113, 169, 209
RGB Percent	44%, 66%, 82%
CMY	0.5569, 0.3373, 0.1804
CMYK	0.46, 0.19, 0.00, 0.18
HSL	205°, 51%, 63%
HSV	205°, 46%, 82%
XYZ	32.5066, 36.4901, 65.6516
YIQ	156.8160, -46.2160, 0.5680

Conversions

Conversions Part 2

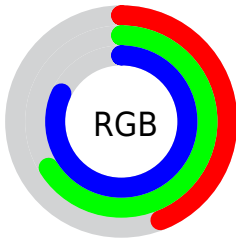
Format	Color
R _Y B	113, 148, 209
Decimal	7449041
CIE Lab	66.89, -7.63, -26.04
CIE LCh	67, 27.141, 253.662
Yxy	36.4901, 0.2414, 0.2710
Android (android.graphics.Color)	4285639121 (0xFF71A9D1)
YUV	156.8160, 25.7267, -38.4266
Hunter-Lab	60.4070, -9.6567, -22.1527

Details

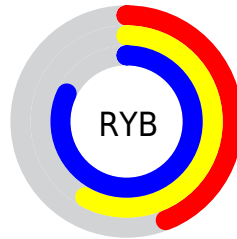
The Hex color **71A9D1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D19971**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9E0FF**, and **39759A** is the 20% darker color. If you saturate the color by 10%, you get **5CA0D1**, and if you desaturate by 10%, it is **86B2D1**.

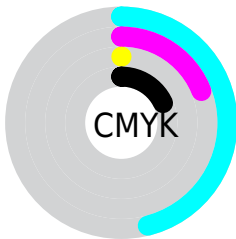
Distribution



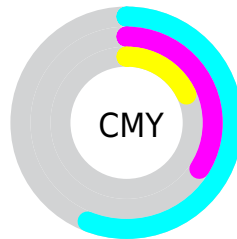
- Red (44%)
- Green (66%)
- Blue (82%)



- Red (44%)
- Yellow (58%)
- Blue (82%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A9D1 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 71A9D1 by changing the saturation by 10% instead.

 71A9D1

 71A9D1

FFFFFF

 558FB5

 A9E0FF

 39759A

 C5FDFF

 175C80

 E3FFFF

 004567

 002F4F

 001B38

 000222

 000008

 000000

71A9D1

71A9D1

5CA0D1

86B2D1

4798D1

9BBAD1

328FD1

B0C3D1

1D86D1

C5CCD1

097DD1

DAD5D1

007AD1

EEDDD1

FFE6D1

FFEFD1

FFF7D1

Harmonies

Analogous

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



59AEC4



71A9D1



94A1D2

Triad

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



71A9D1



D49198



8DAB7F

Complementary

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



71A9D1



D19971

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.



A9A573



71A9D1



D09582

Square

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



71A9D1



CB92B1



C09D74



71AF94

Rectangle

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



71A9D1



AA9BCB



C09D74



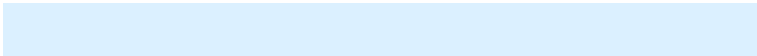
97A97A

Sweetspot

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



71A9D1



DBF0FF



71D199



6A7680



000000



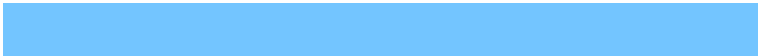
808080

Same Dimension

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



71A9D1



73C5FF



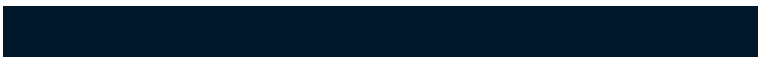
7179D1



5E6469



0062A8



001829

Inverse Universe

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



D171A9



FF73C5



D1C971



695E64



A80062



290018

Previews

White Background



This preview shows how the Hex color 71A9D1 looks on a white background.

Color Contrast Check

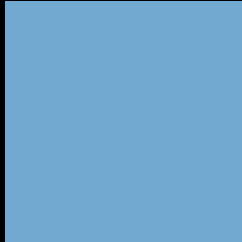
Large Text (above 18pt) WCAG AA × Fail

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 71A9D1 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 71A9D1 Background



This preview shows how black text looks on a background with the Hex color 71A9D1.

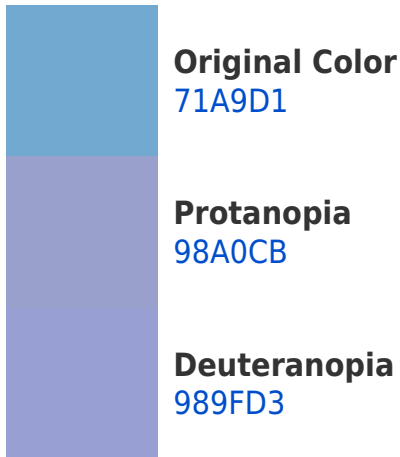


This preview shows how white text looks on a background with the Hex color 71A9D1.

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](#).

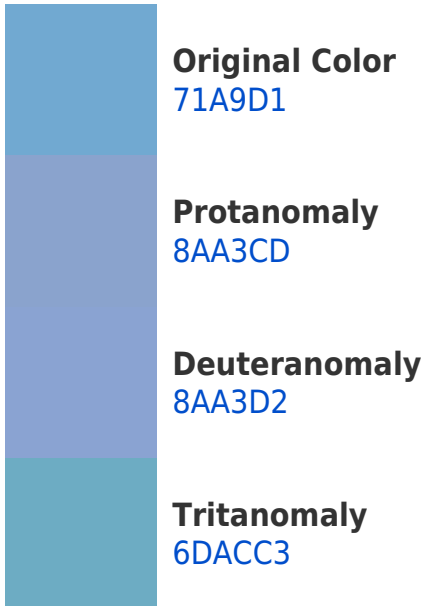
Dichromacy



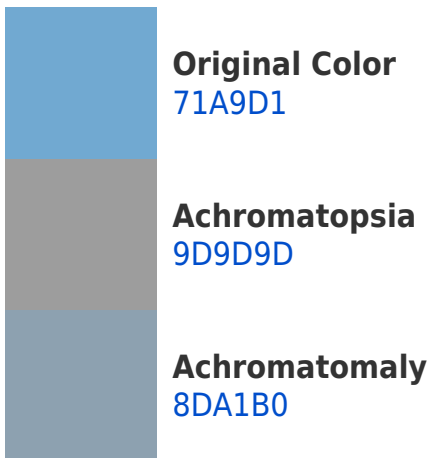


Tritanopia
6AADB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A9D1 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 #71A9D1 looks like.

```
.text, #text, p{  
    color:#71A9D1  
}
```

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 #71A9D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A9D1  
}
```

Border

The CSS property to change the border of an element to Hex 71A9D1 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  
#71A9D1 }
```

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

```
.border{ border-color:#71A9D1 }
```

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

Here you see how a box with a 4 pixel #71A9D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A9D1; -webkit-box-shadow:4px 4px  
4px 4px #71A9D1; box-shadow:4px 4px 4px  
4px #71A9D1 }
```

Background

The CSS property to change the background color of an element to Hex 71A9D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A9D1 }
```

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

```
.background{ background-color:#71A9D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor