

Converting Colors

Hex(71CAA0)

Have a look what the booklet for
Hex(71CAA0) contains.

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Color

Hex(71CAA0)

Conversions

Conversions Part 1

Format	Color
Hex	71CAA0
RGB	113, 202, 160
RGB Percent	44%, 79%, 63%
CMY	0.5569, 0.2078, 0.3725
CMYK	0.44, 0.00, 0.21, 0.21
HSL	152°, 46%, 62%
HSV	152°, 44%, 79%
XYZ	34.2757, 48.2898, 40.7721
YIQ	170.6010, -39.5620, -31.9300

Conversions

Conversions Part 2

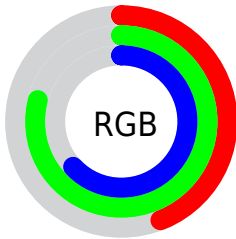
Format	Color
RYB	113, 171, 202
Decimal	7457440
CIELab	75.01, -36.38, 12.75
CIElCh	75, 38.551, 160.681
Yxy	48.2898, 0.2779, 0.3915
Android (android.graphics.Color)	4285647520 (0xFF71CAA0)
YUV	170.6010, -5.2263, -50.5161
Hunter-Lab	69.4909, -33.5656, 13.8567

Details

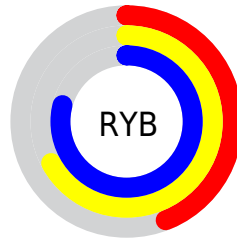
The Hex color **71CAA0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CA719B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A9FFD7**, and **39936C** is the 20% darker color. If you saturate the color by 10%, you get **5DCA96**, and if you desaturate by 10%, it is **85CAAA**.

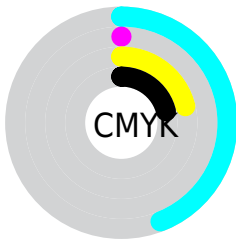
Distribution



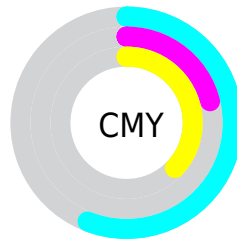
- Red (44%)
- Green (79%)
- Blue (63%)



- Red (44%)
- Yellow (67%)
- Blue (79%)



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



- Cyan (56%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71CAA0 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 71CAA0 by changing the saturation by 10% instead.

 71CAA0

 71CAA0

FFFFFF

 55AE86

 A9FFD7

 39936C

 C5FFF3

 197954

 E2FFFF

 00603D

 004727

 003012

 001A00

 000000

 71CAA0

 71CAA0

■ 5DCA96

■ 85CAAA

■ 49CA8D

■ 99CAB3

■ 34CA83

■ AECABD

■ 20CA7A

■ C2CAC6

■ 0CCA70

■ D6CAD0

■ 00CA6B

■ EACAD9

■ FECAE3

■ FFCAEC

■ FFCAF6

Harmonies

Analogous

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



9DC482



71CAA0



42CCC5

Triad

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



71CAA0



9BB8FE



F9A38C

Complementary

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



71CAA0



CA719B

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.



FE9DAD



71CAA0



CDABEF

Square

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



71CAA0



5FC3FB



EFA0D1



E4AF76

Rectangle

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



71CAA0



2CCBDC



EFA0D1



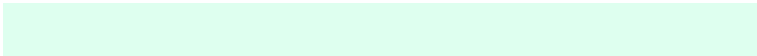
FDA096

Sweetspot

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



71CAA0



DEFFEF



9CCA71



6B8076



000000



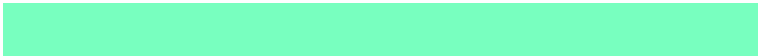
808080

Same Dimension

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



71CAA0



78FFBF



71C9CA



5C6661



00A658



002614

Inverse Universe

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



CA719B



FF78B8



CA7271



665C61



A6004E



260012

Previews

White Background



This preview shows how the Hex color 71CAA0 looks on a white background.

Color Contrast Check

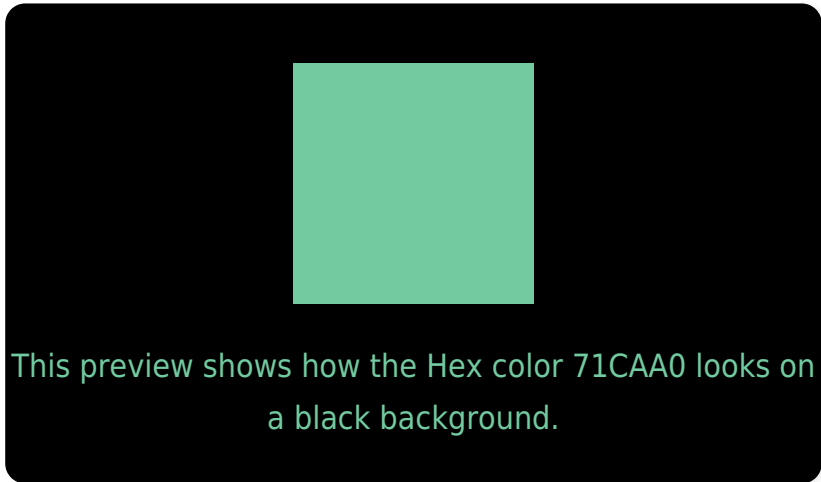
Large Text (above 18pt) WCAG AA × Fail

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

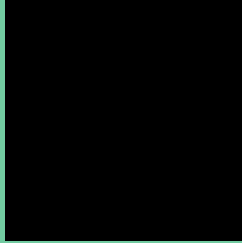
Any Text WCAG AA ✓ Pass

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 71CAA0 Background



This preview shows how black text looks on a background with the Hex color 71CAA0.

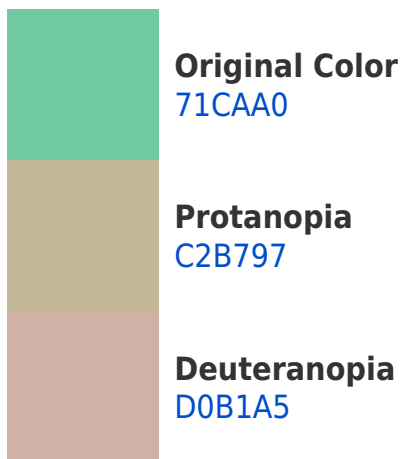


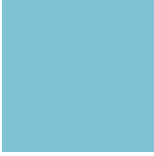
This preview shows how white text looks on a background with the Hex color 71CAA0.

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](#).

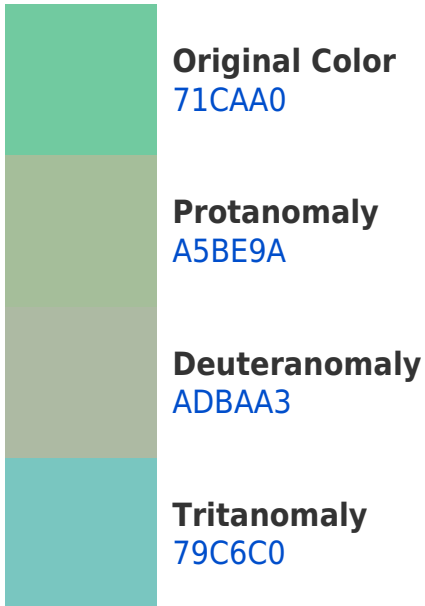
Dichromacy



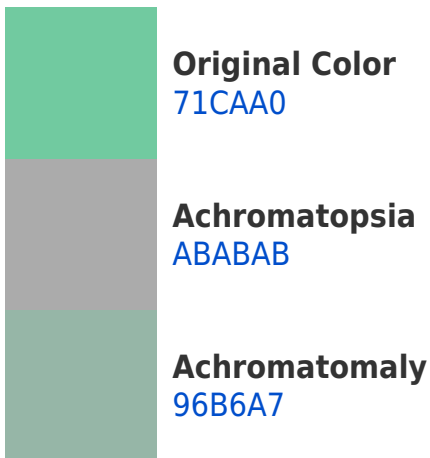


Tritanopia
7EC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71CAA0 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 #71CAA0 looks like.

```
.text, #text, p{  
    color:#71CAA0  
}
```

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 #71CAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CAA0  
}
```

Border

The CSS property to change the border of an element to Hex 71CAA0 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  
#71CAA0 }
```

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

```
.border{ border-color:#71CAA0 }
```

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

Here you see how a box with a 4 pixel #71CAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CAA0; -webkit-box-shadow:4px 4px  
4px 4px #71CAA0; box-shadow:4px 4px 4px  
4px #71CAA0 }
```

Background

The CSS property to change the background color of an element to Hex 71CAA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CAA0 }
```

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

```
.background{ background-color:#71CAA0 }
```

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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