

Converting Colors

Hex(71BAC0)

Have a look what the booklet for
Hex(71BAC0) contains.

Hex(71BAC0)	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(71BAC0)

Conversions

Conversions Part 1

Format	Color
Hex	71BAC0
RGB	113, 186, 192
RGB Percent	44%, 73%, 75%
CMY	0.5569, 0.2706, 0.2471
CMYK	0.41, 0.03, 0.00, 0.25
HSL	185°, 39%, 60%
HSV	185°, 41%, 75%
XYZ	33.8834, 42.4343, 56.2740
YIQ	164.8570, -45.4340, -13.6100

Conversions

Conversions Part 2

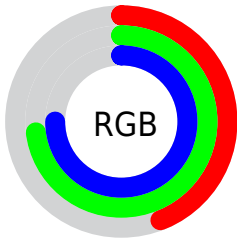
Format	Color
RYB	113, 151, 192
Decimal	7453376
CIELab	71.17, -21.20, -10.21
CIELCh	71, 23.530, 205.715
Yxy	42.4343, 0.2555, 0.3200
Android (android.graphics.Color)	4285643456 (0xFF71BAC0)
YUV	164.8570, 13.3815, -45.4786
Hunter-Lab	65.1416, -21.1511, -5.6198

Details

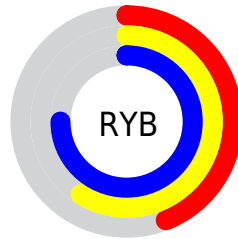
The Hex color **71BAC0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C07771**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A9F2F8**, and **3A858B** is the 20% darker color. If you saturate the color by 10%, you get **5EB9C0**, and if you desaturate by 10%, it is **84BBC0**.

Distribution



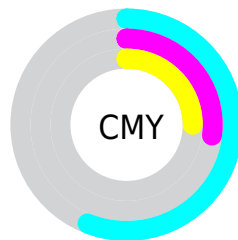
- Red (44%)
- Green (73%)
- Blue (75%)



- Red (44%)
- Yellow (59%)
- Blue (75%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (56%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BAC0 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 71BAC0 by changing the saturation by 10% instead.

 71BAC0

 71BAC0

FFFFFF

 569FA5


 A9F2F8

 3A858B

 C5FFFF

 1A6B71

 E2FFFF

 005359


 003B41

 00252B

 000917

 000000

 71BAC0

 71BAC0

 5EB9C0

 84BBC0

 4BB7C0

 97BDC0

 37B6C0

 ABBEC0

 24B4C0

 BEC0C0

 11B3C0

 D1C1C0

 00B1C0

 E4C3C0

 F7C4C0

 FFC6C0

 FFC7C0

Harmonies

Analogous

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



7CBAAA



71BAC0



78B7D1

Triad

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



71BAC0



C7A3C7



C1AC84

Complementary

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



71BAC0



C07771

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.



D2A58C



71BAC0



D79FB2

Square

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



71BAC0



AEAAD5



DAA09D



ABB387

Rectangle

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



71BAC0



87B3D7



DAA09D



C8A985

Sweetspot

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



71BAC0



DCF8FA



71C076



6B7C7D



FCFCFC



7D7D7D

Same Dimension

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



71BAC0



7FF1FA



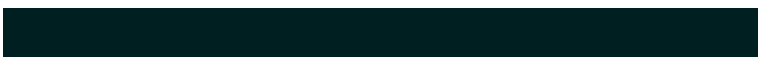
7193C0



576061



0094A1



001F21

Inverse Universe

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



C071BA



FA7FF1



C09E71



615760



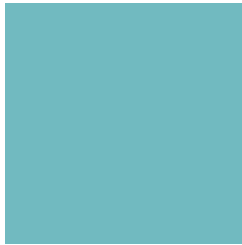
A10094



21001F

Previews

White Background



This preview shows how the Hex color 71BAC0 looks on a white background.

Color Contrast Check

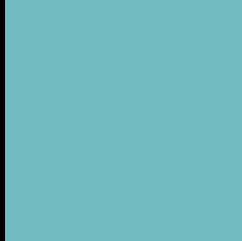
Large Text (above 18pt) WCAG AA × Fail

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 71BAC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

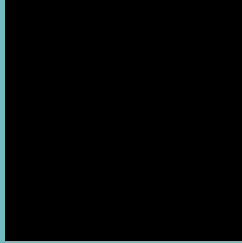
Any Text WCAG AA ✓ Pass

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 71BAC0 Background



This preview shows how black text looks on a background with the Hex color 71BAC0.

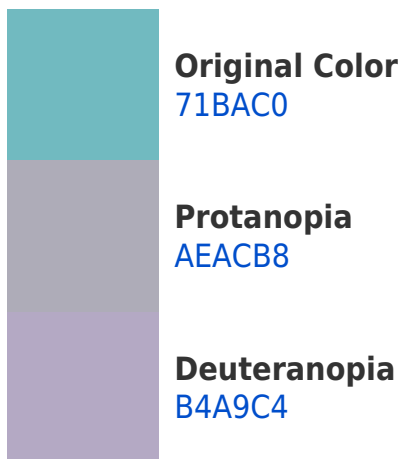


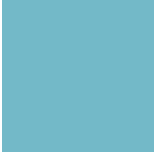
This preview shows how white text looks on a background with the Hex color 71BAC0.

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](#).

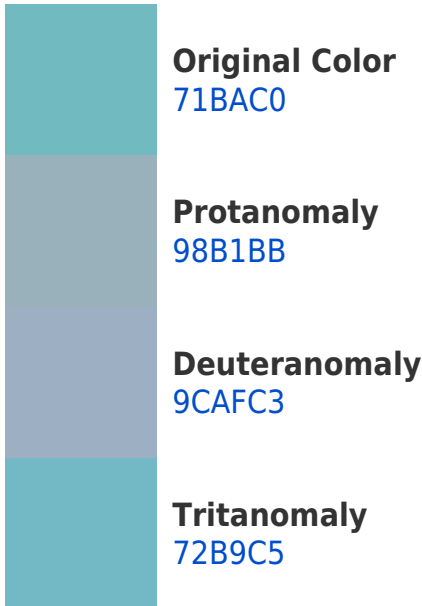
Dichromacy



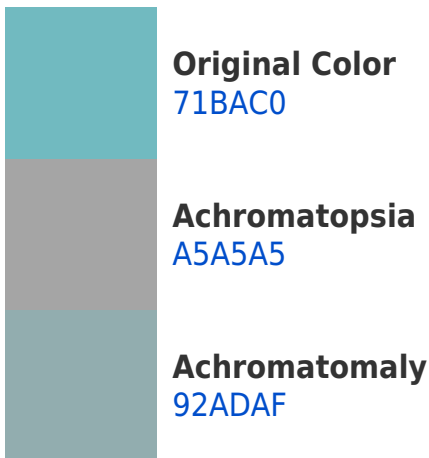


Tritanopia
73B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BAC0 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 #71BAC0 looks like.

```
.text, #text, p{  
    color:#71BAC0  
}
```

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 #71BAC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BAC0
}
```

Border

The CSS property to change the border of an element to Hex 71BAC0 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
#71BAC0 }
```

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

```
.border{ border-color:#71BAC0 }
```

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

Here you see how a box with a 4 pixel #71BAC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BAC0; -webkit-box-shadow:4px 4px  
4px 4px #71BAC0; box-shadow:4px 4px 4px  
4px #71BAC0 }
```

Background

The CSS property to change the background color of an element to Hex 71BAC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BAC0 }
```

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

```
.background{ background-color:#71BAC0 }
```

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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