

Converting Colors

Hex(7BACA2)

Have a look what the booklet for
Hex(7BACA2) contains.

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Color

Hex(7BACA2)

Conversions

Conversions Part 1

Format	Color
Hex	7BACA2
RGB	123, 172, 162
RGB Percent	48%, 67%, 64%
CMY	0.5176, 0.3255, 0.3647
CMYK	0.28, 0.00, 0.06, 0.33
HSL	168°, 23%, 58%
HSV	168°, 28%, 67%
XYZ	29.4425, 36.3246, 39.6420
YIQ	156.2090, -25.9940, -13.4980

Conversions

Conversions Part 2

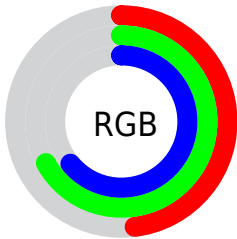
Format	Color
RYB	123, 150, 172
Decimal	8105122
CIELab	66.77, -18.44, -0.11
CIELCh	67, 18.445, 180.338
Yxy	36.3246, 0.2793, 0.3446
Android (android.graphics.Color)	4286295202 (0xFF7BACA2)
YUV	156.2090, 2.8550, -29.1243
Hunter-Lab	60.2699, -18.2732, 3.1915

Details

The Hex color **7BACA2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC7B85**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B1E4D9**, and **48786E** is the 20% darker color. If you saturate the color by 10%, you get **6AAC9E**, and if you desaturate by 10%, it is **8CACA6**.

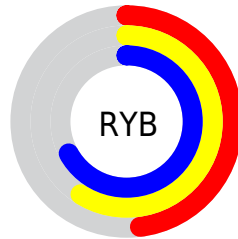
Distribution



Red (48%)

Green (67%)

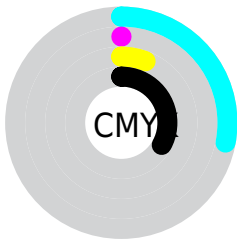
Blue (64%)



Red (48%)

Yellow (59%)

Blue (67%)

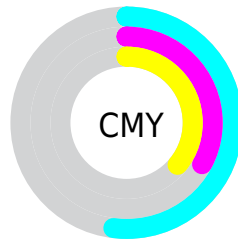


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BACA2 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 7BACA2 by changing the saturation by 10% instead.



7BACA2



7BACA2

FFFFFF



619188



B1E4D9



48786E



CDFFF5



2F5F56



E9FFFF



16473F



003029



001C15



000000



7BACA2



7BACA2



6AAC9E



8CACA6

■ 59AC9B

■ 9DACA9

■ 47AC97

■ AFACAD

■ 36AC94

■ C0ACB0

■ 25AC90

■ D1ACB4

■ 14AC8D

■ E2ACB7

■ 03AC89

■ F3ACBB

■ 00AC89

■ FFACBE

■ FFACC2

Harmonies

Analogous

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



8AAA92



7BACA2



75ABB3

Triad

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



7BACA2



A69EBF



BD9C86

Complementary

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



7BACA2



AC7B85

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.



C59892



7BACA2



B899B3

Square

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



7BACA2



90A4C3



C397A3



AFA181

Rectangle

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



7BACA2



79AABB



C397A3



C19A8A

Sweetspot

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



7BACA2



CCE0DC



86AC7B



64706E



F0F0F0



707070

Same Dimension

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



7BACA2



94E0D1



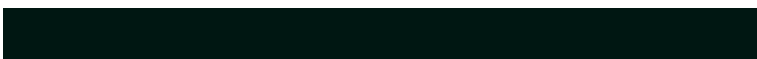
7B9EAC



4E5755



009678



001712

Inverse Universe

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



AC7B85



E094A4



AC897B



574E50



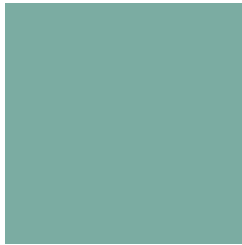
96001F



170005

Previews

White Background



This preview shows how the Hex color 7BACA2 looks on a white background.

Color Contrast Check

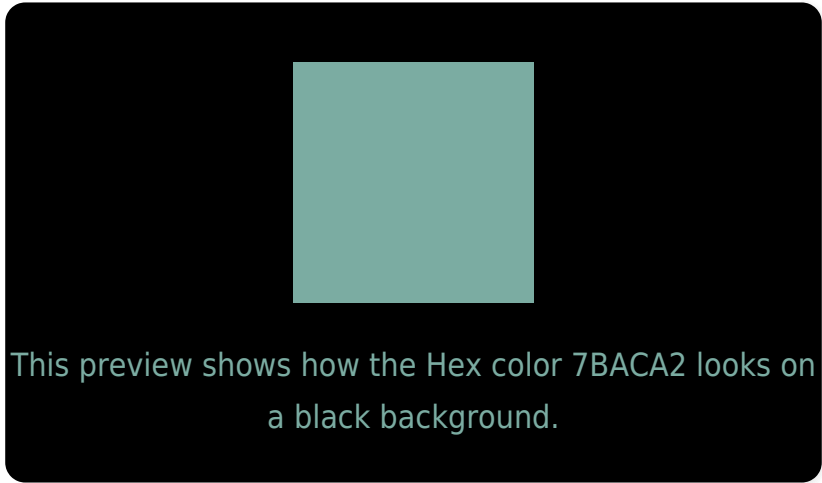
Large Text (above 18pt) WCAG AA × Fail

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

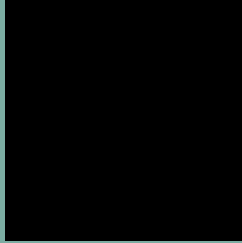
Any Text WCAG AA ✓ Pass

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 7BACA2 Background



This preview shows how black text looks on a background with the Hex color 7BACA2.

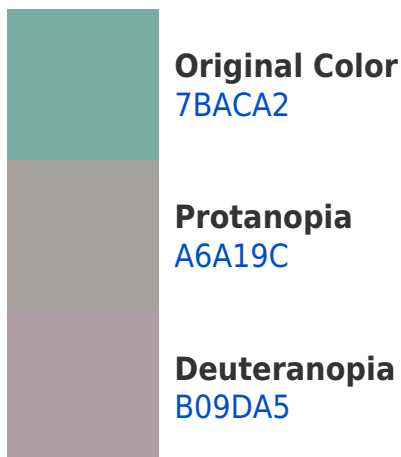


This preview shows how white text looks on a background with the Hex color 7BACA2.

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](#).

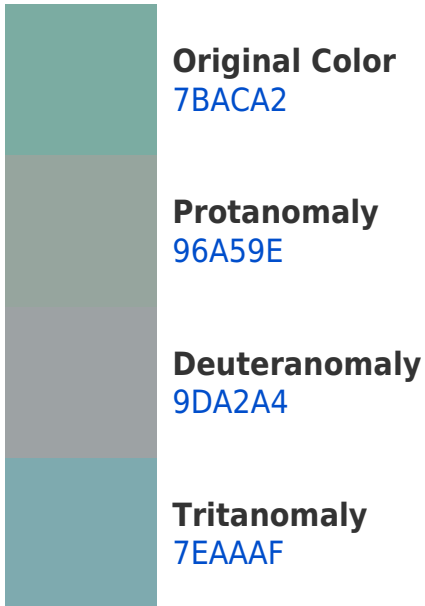
Dichromacy



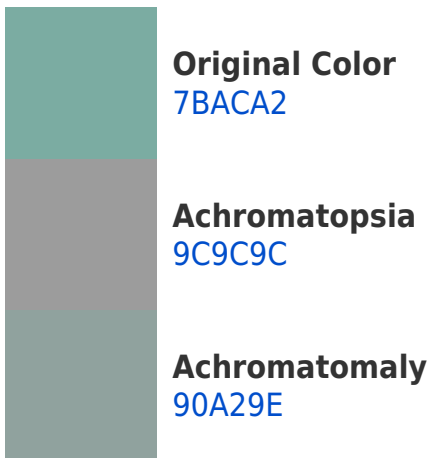


Tritanopia
7FA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BACA2 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 #7BACA2 looks like.

```
.text, #text, p{  
    color:#7BACA2  
}
```

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 #7BACA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BACA2
}
```

Border

The CSS property to change the border of an element to Hex 7BACA2 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
#7BACA2 }
```

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

```
.border{ border-color:#7BACA2 }
```

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

Here you see how a box with a 4 pixel #7BACA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BACA2; -webkit-box-shadow:4px 4px  
4px 4px #7BACA2; box-shadow:4px 4px 4px  
4px #7BACA2 }
```

Background

The CSS property to change the background color of an element to Hex 7BACA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BACA2 }
```

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

```
.background{ background-color:#7BACA2 }
```

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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