

Converting Colors

Hex(7AACA2)

Have a look what the booklet for
Hex(7AACA2) contains.

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Color

Hex(7AACA2)

Conversions

Conversions Part 1

Format	Color
Hex	7AACA2
RGB	122, 172, 162
RGB Percent	48%, 67%, 64%
CMY	0.5216, 0.3255, 0.3647
CMYK	0.29, 0.00, 0.06, 0.33
HSL	168°, 23%, 58%
HSV	168°, 29%, 67%
XYZ	29.3002, 36.2513, 39.6353
YIQ	155.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

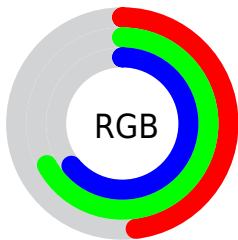
Format	Color
RYB	122, 150, 172
Decimal	8039586
CIELab	66.71, -18.75, -0.20
CIELCh	67, 18.752, 180.602
Yxy	36.2513, 0.2786, 0.3446
Android (android.graphics.Color)	4286229666 (0xFF7AACA2)
YUV	155.9100, 3.0024, -29.7391
Hunter-Lab	60.2090, -18.5004, 3.1160

Details

The Hex color **7AACA2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC7A84**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B0E4D9**, and **47786E** is the 20% darker color. If you saturate the color by 10%, you get **69AC9F**, and if you desaturate by 10%, it is **8BACA5**.

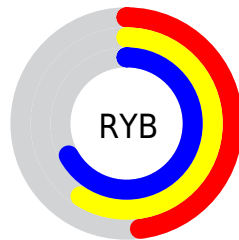
Distribution



Red (48%)

Green (67%)

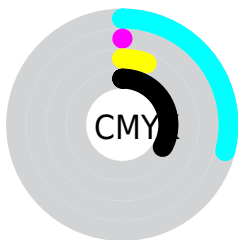
Blue (64%)



Red (48%)

Yellow (59%)

Blue (67%)

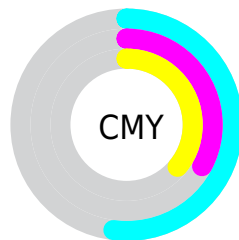


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AACA2 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 7AACA2 by changing the saturation by 10% instead.

 7AACA2

 7AACA2

FFFFFF

 609188

 B0E4D9

 47786E

 CCFFF5

 2E5F56

 E8FFFF

 15473F

 003029

 001C15

 000000

 7AACA2

 7AACA2

 69AC9F

 8BACA5

■ 58AC9B

■ 9CAC99

■ 46AC98

■ AEACAC

■ 35AC94

■ BFACB0

■ 24AC91

■ D0ACB3

■ 13AC8D

■ E1ACB7

■ 02AC8A

■ F2ACBA

■ 00AC8A

■ FFACBE

■ FFACC1

Harmonies

Analogous

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



89AA91



7AACA2



74ABB3

Triad

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



7AACA2



A69EBF



BD9C85

Complementary

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



7AACA2



AC7A84

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



7AACA2



B999B3

Square

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



7AACA2



8FA4C4



C496A3



AFA181

Rectangle

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



7AACA2



78AABC



C496A3



C19A89

Sweetspot

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



7AACA2



CCE0DC



84AC7A



64706E



F0F0F0



707070

Same Dimension

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



7AACA2



92E0D1



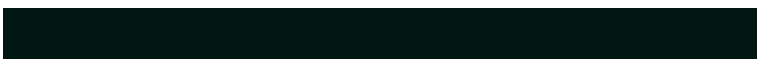
7A9DAC



4E5755



009678



001712

Inverse Universe

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



AC7A84



E092A2



AC897A



574E50



96001E



170005

Previews

White Background



This preview shows how the Hex color 7AACA2 looks on a white background.

Color Contrast Check

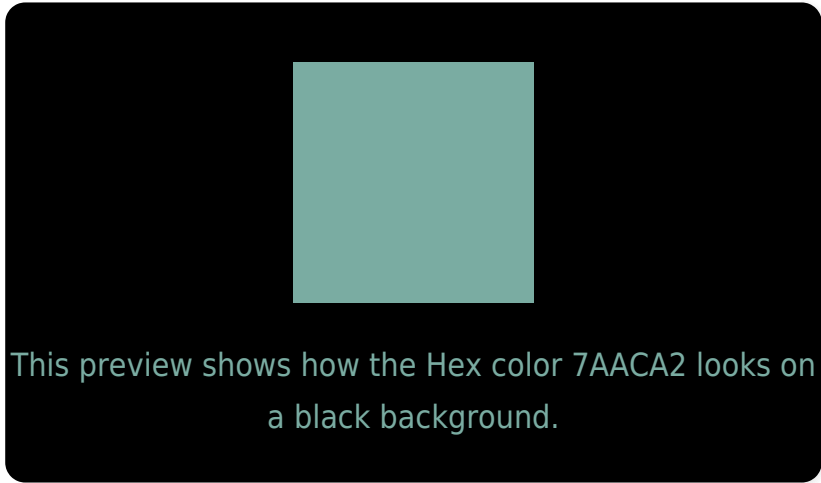
Large Text (above 18pt) WCAG AA × Fail

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

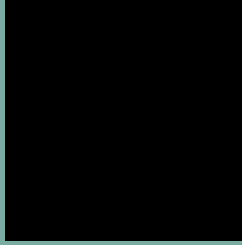
Any Text WCAG AA ✓ Pass

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 7AACA2 Background



This preview shows how black text looks on a background with the Hex color 7AACA2.

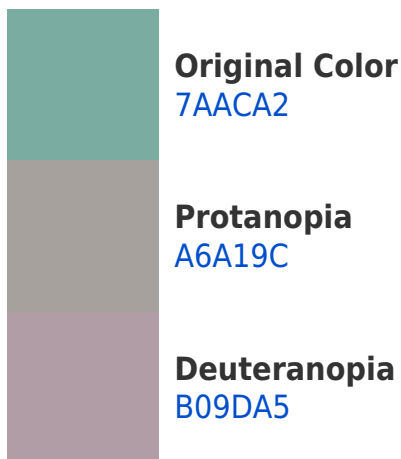


This preview shows how white text looks on a background with the Hex color 7AACA2.

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](#).

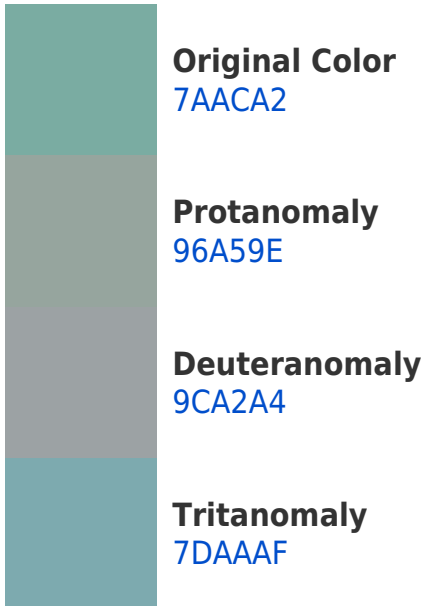
Dichromacy



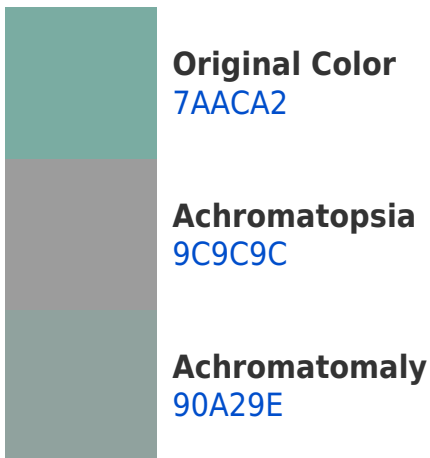


Tritanopia
7EA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AACA2 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 #7AACA2 looks like.

```
.text, #text, p{  
    color:#7AACA2  
}
```

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 #7AACA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AACA2
}
```

Border

The CSS property to change the border of an element to Hex 7AACA2 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
#7AACA2 }
```

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

```
.border{ border-color:#7AACA2 }
```

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

Here you see how a box with a 4 pixel #7AACA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AACA2; -webkit-box-shadow:4px 4px  
4px 4px #7AACA2; box-shadow:4px 4px 4px  
4px #7AACA2 }
```

Background

The CSS property to change the background color of an element to Hex 7AACA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AACA2 }
```

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

```
.background{ background-color:#7AACA2 }
```

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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