

Converting Colors

Hex(68A7AC)

Have a look what the booklet for
Hex(68A7AC) contains.

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Color

Hex(68A7AC)

Conversions

Conversions Part 1

Format	Color
Hex	68A7AC
RGB	104, 167, 172
RGB Percent	41%, 65%, 67%
CMY	0.5922, 0.3451, 0.3255
CMYK	0.40, 0.03, 0.00, 0.33
HSL	184°, 29%, 54%
HSV	184°, 40%, 67%
XYZ	26.9740, 33.5590, 44.0856
YIQ	148.7330, -39.1530, -11.8010

Conversions

Conversions Part 2

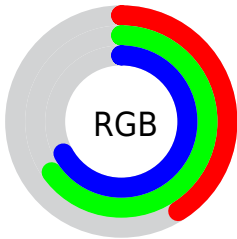
Format	Color
RYB	104, 137, 172
Decimal	6858668
CIELab	64.61, -18.88, -8.97
CIElCh	65, 20.907, 205.421
Yxy	33.5590, 0.2578, 0.3208
Android (android.graphics.Color)	4285048748 (0xFF68A7AC)
YUV	148.7330, 11.4706, -39.2308
Hunter-Lab	57.9302, -18.2628, -4.5693

Details

The Hex color **68A7AC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC6D68**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9EDEE3**, and **327378** is the 20% darker color. If you saturate the color by 10%, you get **57A6AC**, and if you desaturate by 10%, it is **79A8AC**.

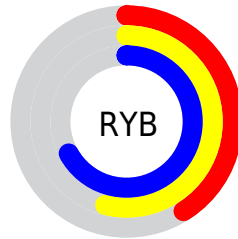
Distribution



Red (41%)

Green (65%)

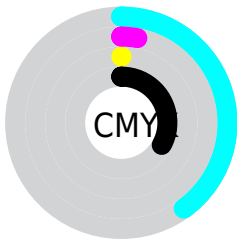
Blue (67%)



Red (41%)

Yellow (54%)

Blue (67%)

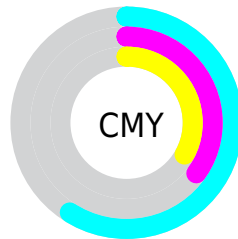


Cyan (40%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (59%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A7AC 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 68A7AC by changing the saturation by 10% instead.

 68A7AC

 68A7AC

FFFFFF

 4D8D91

 9EDEE3

 327378

 BAFBFF

 145A5F

 D7FFFF

 004247

 F4FFFF

 002C31

 00191C

 000000

 68A7AC

 68A7AC

 57A6AC

 79A8AC

46A4AC

8AAAAC

34A3AC

9CABAC

23A2AC

ADACAC

12A1AC

BEADAC

019FAC

CFAFAC

009FAC

E0B0AC

F2B1AC

FFB2AC

Harmonies

Analogous

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



72A799



68A7AC



6EA4BB

Triad

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



68A7AC



B293B2



AE9A78

Complementary

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



68A7AC



AC6D68

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.



BC947F



68A7AC



C090A0

Square

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



68A7AC



9C99BE



C3908E



9AA07B

Rectangle

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



68A7AC



7BA1C0



C3908E



B39879

Sweetspot

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



68A7AC



C5DEE0



68AC6D



606F70



F0F0F0



707070

Same Dimension

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



68A7AC



77D9E0



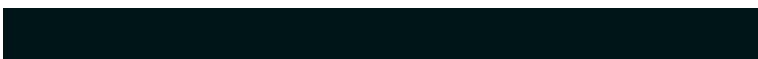
6885AC



4E5657



008B96



001517

Inverse Universe

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



AC68A7



E077D9



AC8F68



574E56



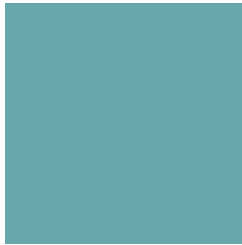
96008B



170015

Previews

White Background



This preview shows how the Hex color 68A7AC looks on a white background.

Color Contrast Check

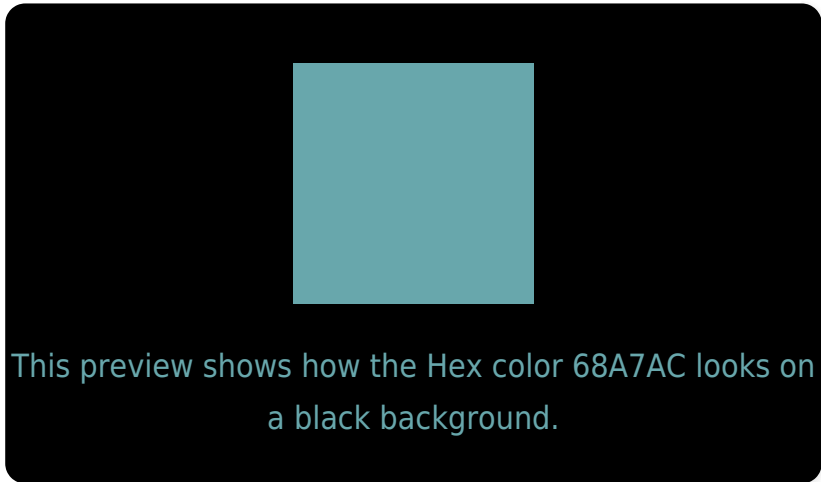
Large Text (above 18pt) WCAG AA × Fail

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

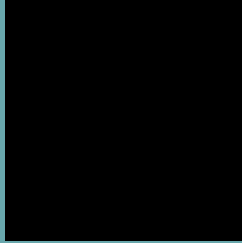
Any Text WCAG AA ✓ Pass

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 68A7AC Background



This preview shows how black text looks on a background with the Hex color 68A7AC.

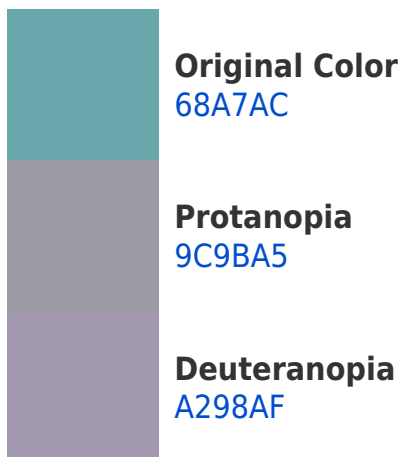


This preview shows how white text looks on a background with the Hex color 68A7AC.

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](#).

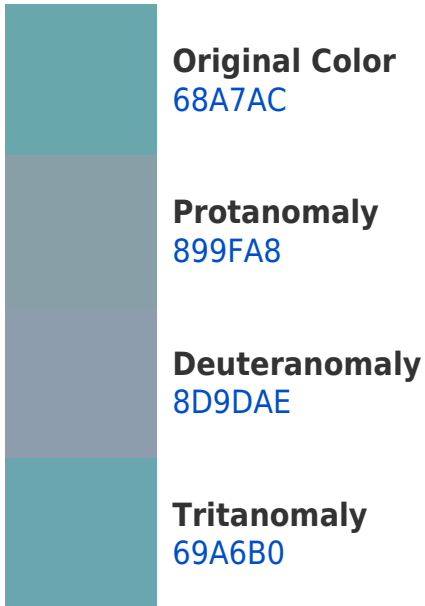
Dichromacy



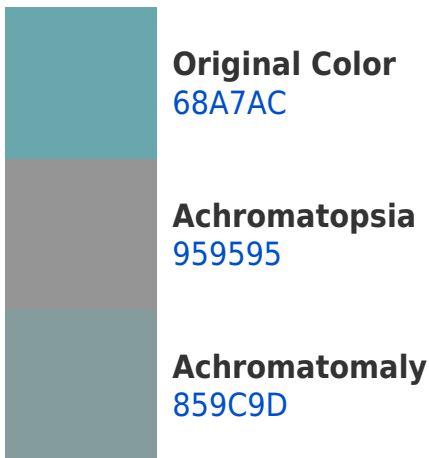


Tritanopia
6AA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A7AC 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 #68A7AC looks like.

```
.text, #text, p{  
    color:#68A7AC  
}
```

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 #68A7AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A7AC
}
```

Border

The CSS property to change the border of an element to Hex 68A7AC 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
#68A7AC }
```

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

```
.border{ border-color:#68A7AC }
```

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

Here you see how a box with a 4 pixel #68A7AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A7AC; -webkit-box-shadow:4px 4px  
4px 4px #68A7AC; box-shadow:4px 4px 4px  
4px #68A7AC }
```

Background

The CSS property to change the background color of an element to Hex 68A7AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A7AC }
```

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

```
.background{ background-color:#68A7AC }
```

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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