

Converting Colors

Hex(68A8A0)

Have a look what the booklet for
Hex(68A8A0) contains.

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Color

Hex(68A8A0)

Conversions

Conversions Part 1

Format	Color
Hex	68A8A0
RGB	104, 168, 160
RGB Percent	41%, 66%, 63%
CMY	0.5922, 0.3412, 0.3725
CMYK	0.38, 0.00, 0.05, 0.34
HSL	172°, 27%, 53%
HSV	172°, 38%, 66%
XYZ	26.0567, 33.4864, 38.3479
YIQ	147.9520, -35.5760, -16.0560

Conversions

Conversions Part 2

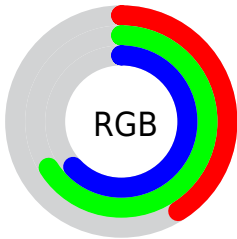
Format	Color
RYB	104, 138, 168
Decimal	6858912
CIELab	64.55, -22.40, -2.36
CIElCh	65, 22.523, 186.003
Yxy	33.4864, 0.2662, 0.3421
Android (android.graphics.Color)	4285048992 (0xFF68A8A0)
YUV	147.9520, 5.9397, -38.5459
Hunter-Lab	57.8674, -20.8925, 1.2166

Details

The Hex color **68A8A0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A86870**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9EDFD7**, and **33746D** is the 20% darker color. If you saturate the color by 10%, you get **57A89E**, and if you desaturate by 10%, it is **79A8A2**.

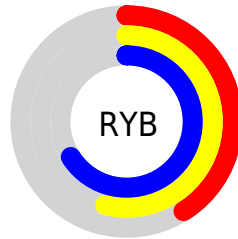
Distribution



Red (41%)

Green (66%)

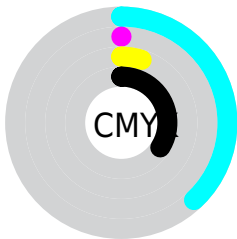
Blue (63%)



Red (41%)

Yellow (54%)

Blue (66%)

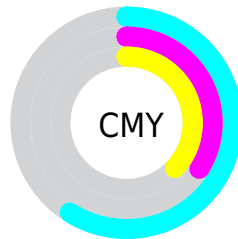


Cyan (38%)

Magenta (0%)

Yellow (5%)

Black (34%)



Cyan (59%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A8A0 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 68A8A0 by changing the saturation by 10% instead.

 68A8A0

 68A8A0

FFFFFF

 4E8D86

 9EDFD7

 33746D

 BAFCF3

 165B54

 D6FFFF

 00433D

 F3FFFF

 002C28

 001913

 000000

 68A8A0

 68A8A0

 57A89E

 79A8A2

■ 46A89C

■ 8AA8A4

■ 36A89A

■ 9AA8A6

■ 25A898

■ ABA8A8

■ 14A895

■ BCA8AA

■ 03A893

■ CDA8AD

■ 00A893

■ DEA8AF

■ EEA8B1

■ FFA8B3

Harmonies

Analogous

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



7AA68C



68A8A0



63A7B3

Triad

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



68A8A0



A596BD



BA9678

Complementary

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



68A8A0



A86870

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.



C49086



68A8A0



BA90AD

Square

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



68A8A0



8A9DC4



C58E99



A79D75

Rectangle

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



68A8A0



6AA5BD



C58E99



BE947C

Sweetspot

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



68A8A0



C3DBD8



71A868



5F6E6C



EDEDED



6E6E6E

Same Dimension

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



68A8A0



76DBCF



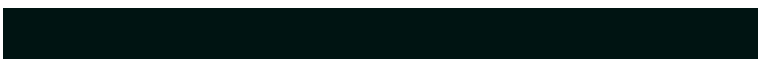
6891A8



4C5453



009481



001412

Inverse Universe

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



A86870



DB7683



A87F68



544C4D



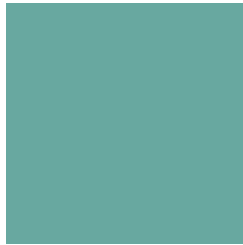
940012



140003

Previews

White Background



This preview shows how the Hex color 68A8A0 looks on a white background.

Color Contrast Check

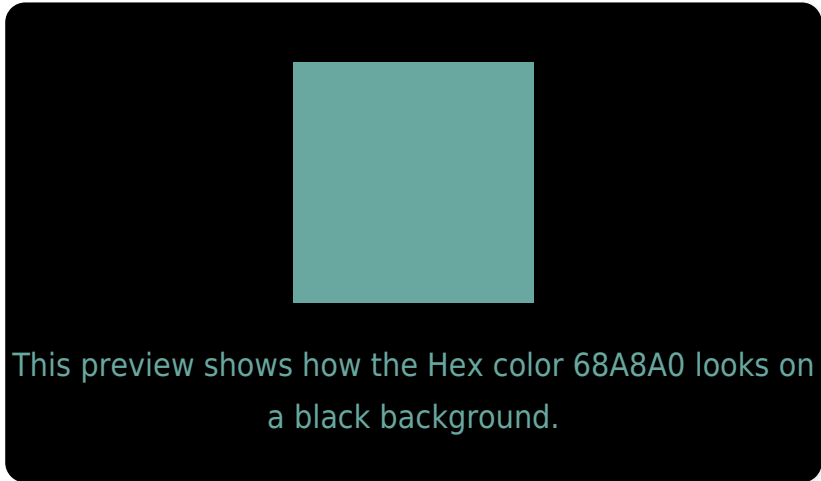
Large Text (above 18pt) WCAG AA × Fail

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

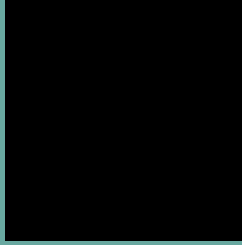
Any Text WCAG AA ✓ Pass

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 68A8A0 Background



This preview shows how black text looks on a background with the Hex color 68A8A0.

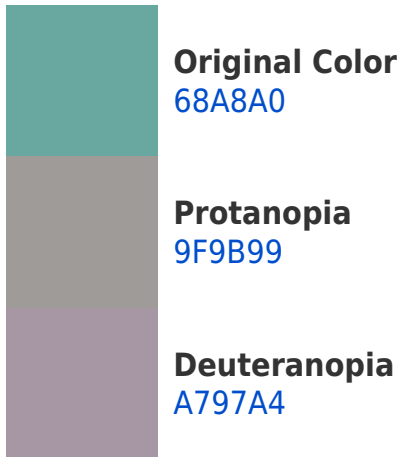


This preview shows how white text looks on a background with the Hex color 68A8A0.

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](#).

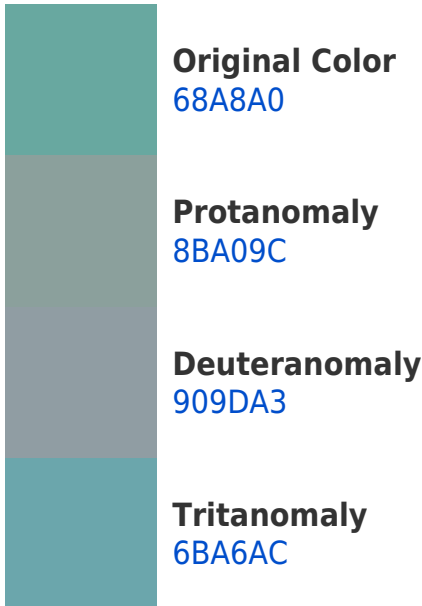
Dichromacy



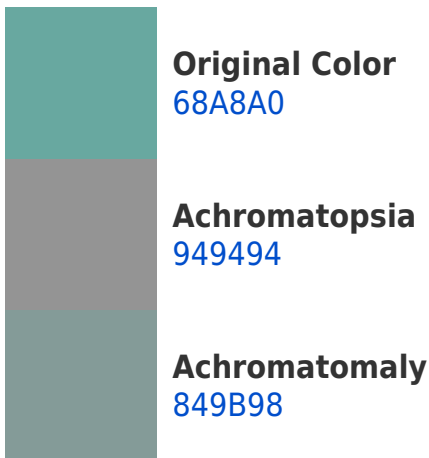


Tritanopia
6DA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A8A0 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 #68A8A0 looks like.

```
.text, #text, p{  
    color:#68A8A0  
}
```

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 #68A8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A8A0
}
```

Border

The CSS property to change the border of an element to Hex 68A8A0 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
#68A8A0 }
```

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

```
.border{ border-color:#68A8A0 }
```

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

Here you see how a box with a 4 pixel #68A8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A8A0; -webkit-box-shadow:4px 4px  
4px 4px #68A8A0; box-shadow:4px 4px 4px  
4px #68A8A0 }
```

Background

The CSS property to change the background color of an element to Hex 68A8A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A8A0 }
```

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

```
.background{ background-color:#68A8A0 }
```

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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