

Converting Colors

Hex(67A8B8)

Have a look what the booklet for
Hex(67A8B8) contains.

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Color

Hex(67A8B8)

Conversions

Conversions Part 1

Format	Color
Hex	67A8B8
RGB	103, 168, 184
RGB Percent	40%, 66%, 72%
CMY	0.5961, 0.3412, 0.2784
CMYK	0.44, 0.09, 0.00, 0.28
HSL	192°, 36%, 56%
HSV	192°, 44%, 72%
XYZ	28.2479, 34.3495, 50.4887
YIQ	150.3890, -43.8760, -8.8040

Conversions

Conversions Part 2

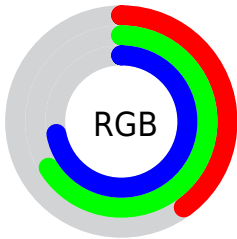
Format	Color
RYB	103, 139, 184
Decimal	6793400
CIELab	65.24, -16.50, -14.73
CIELCh	65, 22.119, 221.769
Yxy	34.3495, 0.2498, 0.3037
Android (android.graphics.Color)	4284983480 (0xFF67A8B8)
YUV	150.3890, 16.5702, -41.5602
Hunter-Lab	58.6085, -16.5321, -10.0499

Details

The Hex color **67A8B8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B87767**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9EDFF0**, and **307483** is the 20% darker color. If you saturate the color by 10%, you get **55A4B8**, and if you desaturate by 10%, it is **79ACB8**.

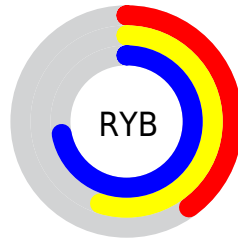
Distribution



Red (40%)

Green (66%)

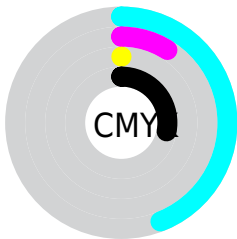
Blue (72%)



Red (40%)

Yellow (55%)

Blue (72%)

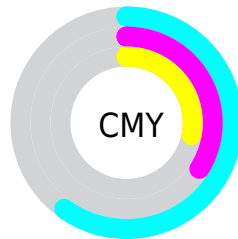


Cyan (44%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (60%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A8B8 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 67A8B8 by changing the saturation by 10% instead.

 67A8B8

 67A8B8

FFFFFF

 4C8E9D

 9EDFF0

 307483

 BAFcff

 0B5B6A

 D7FFFF

 004352

 F4FFFF

 002D3B

 001A25

 00010F

 000000

 67A8B8

 67A8B8

■ 55A4B8

■ 79ACB8

■ 42A1B8

■ 8CAFB8

■ 309DB8

■ 9EB3B8

■ 1D99B8

■ B1B7B8

■ 0B96B8

■ C3BAB8

■ 0094B8

■ D5BEB8

■ E8C1B8

■ FAC5B8

■ FFC9B8

Harmonies

Analogous

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



69AAA6



67A8B8



77A4C3

Triad

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



67A8B8



BE92AB



A5A078

Complementary

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



67A8B8



B87767

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.



B89979



67A8B8



C79097

Square

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



67A8B8



AB97BC



C49385



8FA580

Rectangle

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



67A8B8



88A0C6



C49385



AC9D77

Sweetspot

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



67A8B8



D1EAF0



67B876



657478



F7F7F7



787878

Same Dimension

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



67A8B8



71D7F0



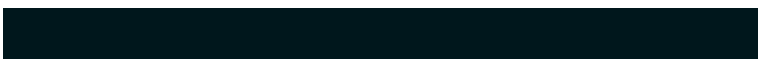
6781B8



535A5C



007D9C



00171C

Inverse Universe

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



B867A8



F071D7



B89E67



5C535A



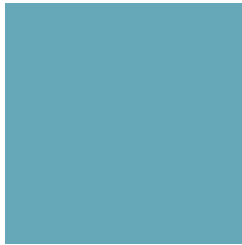
9C007D



1C0017

Previews

White Background



This preview shows how the Hex color 67A8B8 looks on a white background.

Color Contrast Check

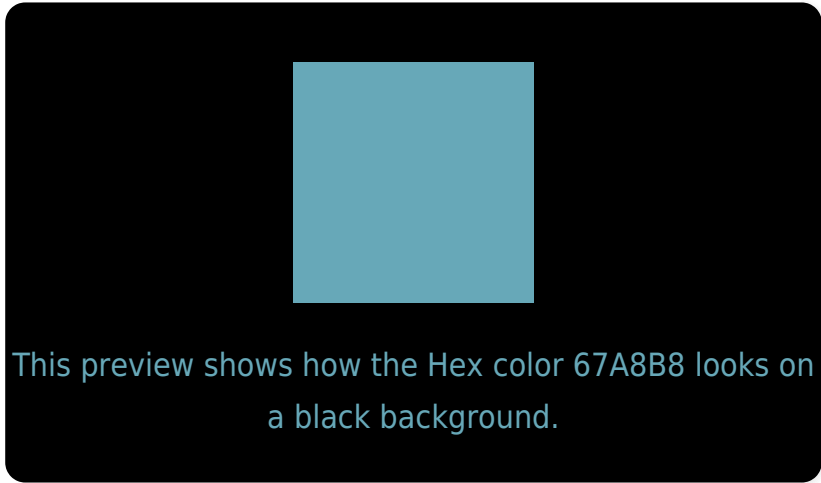
Large Text (above 18pt) WCAG AA × Fail

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

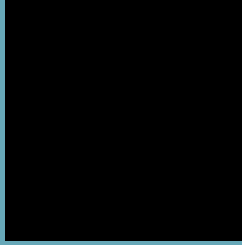
Any Text WCAG AA ✓ Pass

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 67A8B8 Background



This preview shows how black text looks on a background with the Hex color 67A8B8.

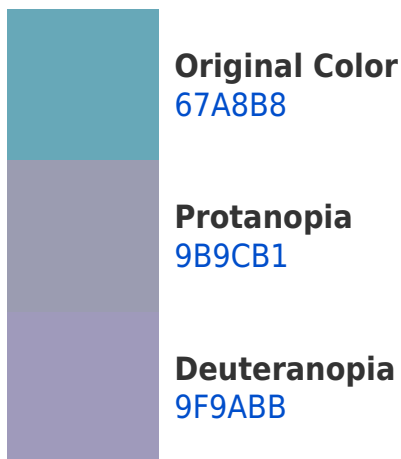


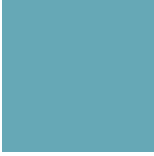
This preview shows how white text looks on a background with the Hex color 67A8B8.

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](#).

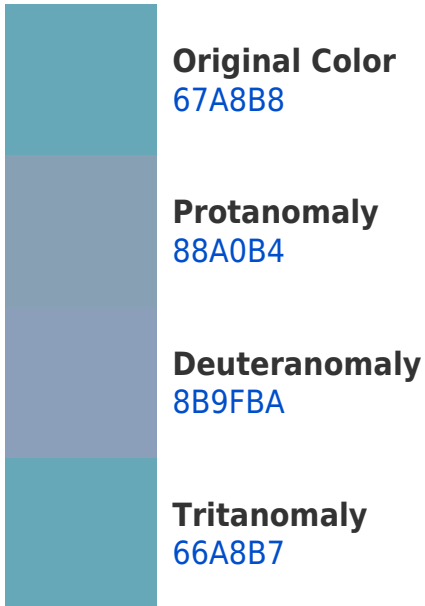
Dichromacy



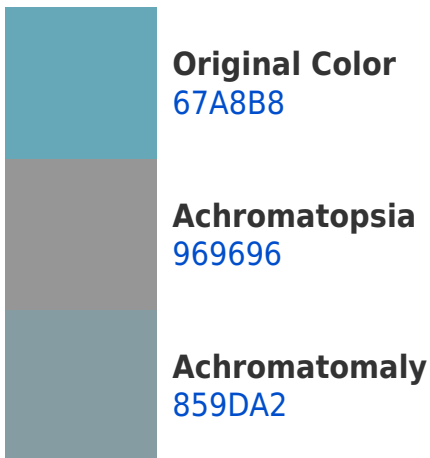


Tritanopia
66A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67A8B8 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 #67A8B8 looks like.

```
.text, #text, p{  
    color:#67A8B8  
}
```

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 #67A8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A8B8
}
```

Border

The CSS property to change the border of an element to Hex 67A8B8 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
#67A8B8 }
```

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

```
.border{ border-color:#67A8B8 }
```

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

Here you see how a box with a 4 pixel #67A8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A8B8; -webkit-box-shadow:4px 4px  
4px 4px #67A8B8; box-shadow:4px 4px 4px  
4px #67A8B8 }
```

Background

The CSS property to change the background color of an element to Hex 67A8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A8B8 }
```

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

```
.background{ background-color:#67A8B8 }
```

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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