

Converting Colors

Hex(67AAB8)

Have a look what the booklet for
Hex(67AAB8) contains.

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Color

Hex(67AAB8)

Conversions

Conversions Part 1

Format	Color
Hex	67AAB8
RGB	103, 170, 184
RGB Percent	40%, 67%, 72%
CMY	0.5961, 0.3333, 0.2784
CMYK	0.44, 0.08, 0.00, 0.28
HSL	190°, 36%, 56%
HSV	190°, 44%, 72%
XYZ	28.6200, 35.0937, 50.6127
YIQ	151.5630, -44.4260, -9.8500

Conversions

Conversions Part 2

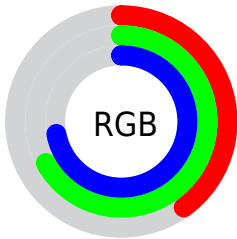
Format	Color
RYB	103, 140, 184
Decimal	6793912
CIELab	65.82, -17.55, -13.86
CIELCh	66, 22.360, 218.294
Yxy	35.0937, 0.2503, 0.3070
Android (android.graphics.Color)	4284983992 (0xFF67AAB8)
YUV	151.5630, 15.9914, -42.5898
Hunter-Lab	59.2399, -17.4331, -9.1875

Details

The Hex color **67AAB8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B87567**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9EE1F0**, and **2F7683** is the 20% darker color. If you saturate the color by 10%, you get **55A7B8**, and if you desaturate by 10%, it is **79ADB8**.

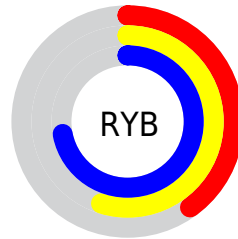
Distribution



Red (40%)

Green (67%)

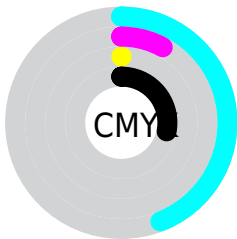
Blue (72%)



Red (40%)

Yellow (55%)

Blue (72%)

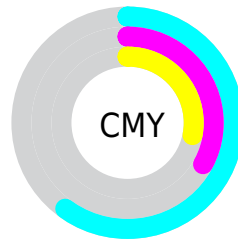


Cyan (44%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (60%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AAB8 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 67AAB8 by changing the saturation by 10% instead.

67AAB8

67AAB8

FFFFFF

4C8F9D

9EE1F0

2F7683

BAFEFF

0B5D6A

D7FFFF

004552

F4FFFF

002F3B

001B25

00010F

000000

67AAB8

67AAB8

■ 55A7B8

■ 79ADB8

■ 42A4B8

■ 8CB0B8

■ 30A0B8

■ 9EB4B8

■ 1D9DB8

■ B1B7B8

■ 0B9AB8

■ C3BAB8

■ 0098B8

■ D5BDB8

■ E8C0B8

■ FAC3B8

■ FFC7B8

Harmonies

Analogous

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



6BABA5



67AAB8



75A6C5

Triad

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



67AAB8



BE93AF



A9A078

Complementary

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



67AAB8



B87567

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.



BC9A7B



67AAB8



C8919B

Square

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



67AAB8



AA99BF



C79488



93A680

Rectangle

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



67AAB8



86A2C8



C79488



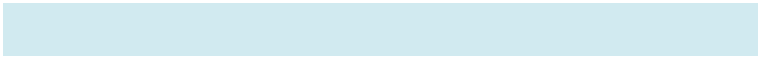
B09E78

Sweetspot

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



67AAB8



D1EAF0



67B875



657578



F7F7F7



787878

Same Dimension

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



67AAB8



71DAF0



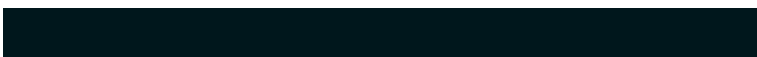
6782B8



535A5C



00819C



00171C

Inverse Universe

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



B867AA



F071DA



B89D67



5C535A



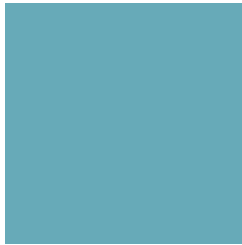
9C0081



1C0017

Previews

White Background



This preview shows how the Hex color 67AAB8 looks on a white background.

Color Contrast Check

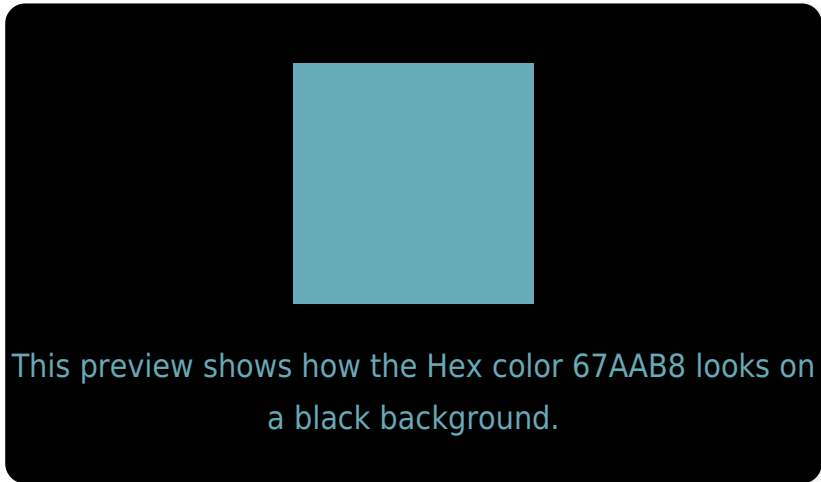
Large Text (above 18pt) WCAG AA × Fail

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

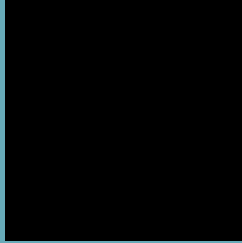
Any Text WCAG AA ✓ Pass

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 67AAB8 Background



This preview shows how black text looks on a background with the Hex color 67AAB8.

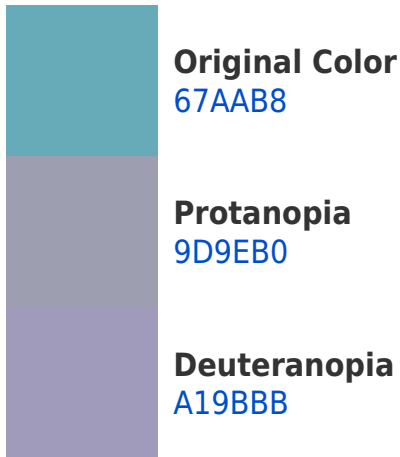


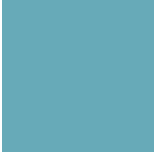
This preview shows how white text looks on a background with the Hex color 67AAB8.

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](#).

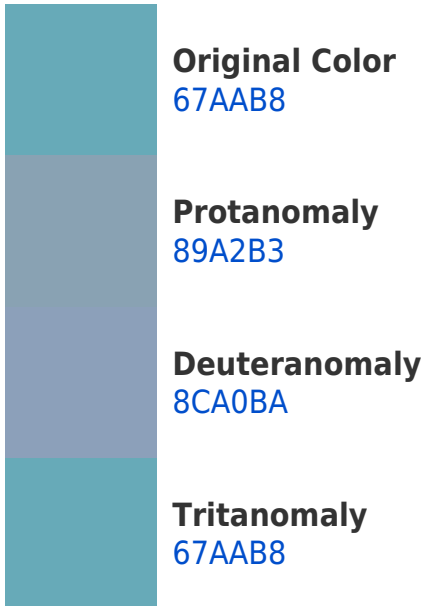
Dichromacy



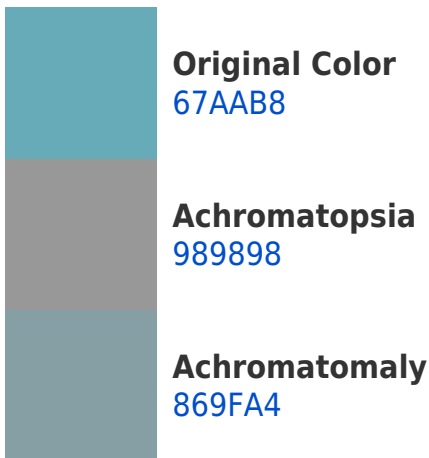


Tritanopia
67AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AAB8 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 #67AAB8 looks like.

```
.text, #text, p{  
    color:#67AAB8  
}
```

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 #67AAB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AAB8
}
```

Border

The CSS property to change the border of an element to Hex 67AAB8 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
#67AAB8 }
```

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

```
.border{ border-color:#67AAB8 }
```

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

Here you see how a box with a 4 pixel #67AAB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AAB8; -webkit-box-shadow:4px 4px  
4px 4px #67AAB8; box-shadow:4px 4px 4px  
4px #67AAB8 }
```

Background

The CSS property to change the background color of an element to Hex 67AAB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AAB8 }
```

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

```
.background{ background-color:#67AAB8 }
```

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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