

Converting Colors

Hex(67AABB)

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

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Color

Hex(67AABB)

Conversions

Conversions Part 1

Format	Color
Hex	67AABB
RGB	103, 170, 187
RGB Percent	40%, 67%, 73%
CMY	0.5961, 0.3333, 0.2667
CMYK	0.45, 0.09, 0.00, 0.27
HSL	192°, 38%, 57%
HSV	192°, 45%, 73%
XYZ	28.9379, 35.2209, 52.2868
YIQ	151.9050, -45.3890, -8.9170

Conversions

Conversions Part 2

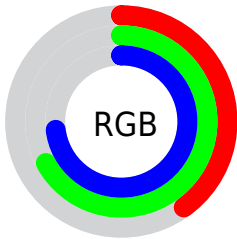
Format	Color
RYB	103, 140, 187
Decimal	6793915
CIELab	65.92, -16.74, -15.38
CIElCh	66, 22.728, 222.571
Yxy	35.2209, 0.2485, 0.3025
Android (android.graphics.Color)	4284983995 (0xFF67AABB)
YUV	151.9050, 17.3018, -42.8897
Hunter-Lab	59.3472, -16.8203, -10.6934

Details

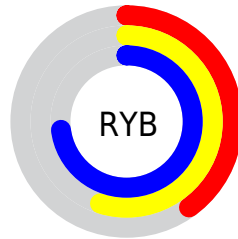
The Hex color **67AABB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BB7867**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9EE1F3**, and **2F7686** is the 20% darker color. If you saturate the color by 10%, you get **54A6BB**, and if you desaturate by 10%, it is **7AAEBB**.

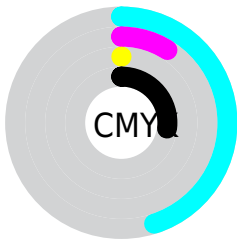
Distribution



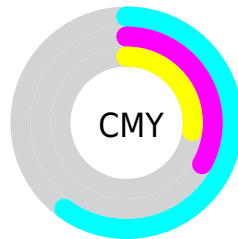
- Red (40%)
- Green (67%)
- Blue (73%)



- Red (40%)
- Yellow (55%)
- Blue (73%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 67AABB

 67AABB

FFFFFF

 4C8FA0

 9EE1F3

 2F7686

 BBFEFF

 085D6D

 D7FFFF

 004554

 F5FFFF

 002F3D

 001B27

 000112

 000000

 67AABB

 67AABB

■ 54A6BB

■ 7AAEBB

■ 42A2BB

■ 8CB2BB

■ 2F9FBB

■ 9FB5BB

■ 1C9BBB

■ B2B9BB

■ 0A97BB

■ C4BDBB

■ 0095BB

■ D7C1BB

■ EAC4BB

■ FDC8BB

■ FFCCBB

Harmonies

Analogous

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



68ACA8



67AABB



78A6C7

Triad

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



67AABB



C193AD



A7A278

Complementary

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



67AABB



BB7867

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.



BA9B7A



67AABB



CA9298

Square

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



67AABB



AE98BE



C79585



90A782

Rectangle

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



67AABB



8AA1C9



C79585



AE9F78

Sweetspot

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



67AABB



D3ECF2



67BB78



67767A



FAFAFA



7A7A7A

Same Dimension

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



67AABB



6FD8F2



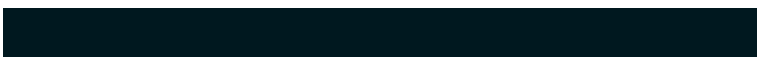
6780BB



555C5E



007E9E



00181F

Inverse Universe

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



BB67AA



F26FD8



BBA267



5E555C



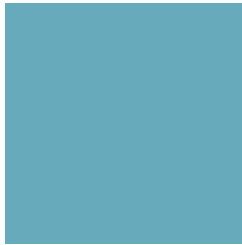
9E007E



1F0018

Previews

White Background



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

Color Contrast Check

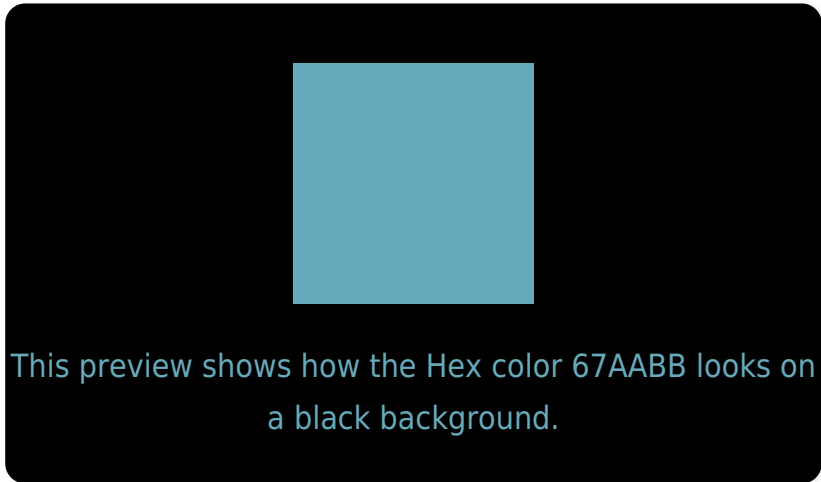
Large Text (above 18pt) WCAG AA × Fail

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

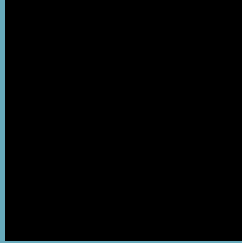
Any Text WCAG AA ✓ Pass

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 67AABB Background



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

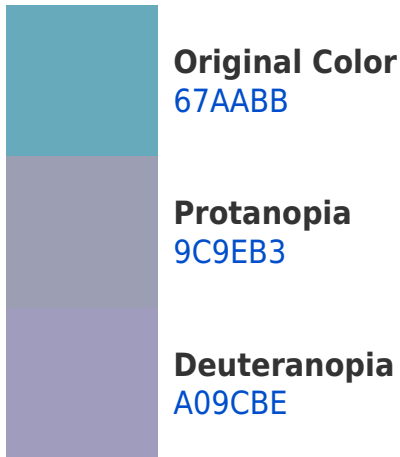


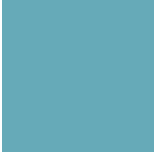
This preview shows how white text looks on a background with the Hex color 67AABB.

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](#).

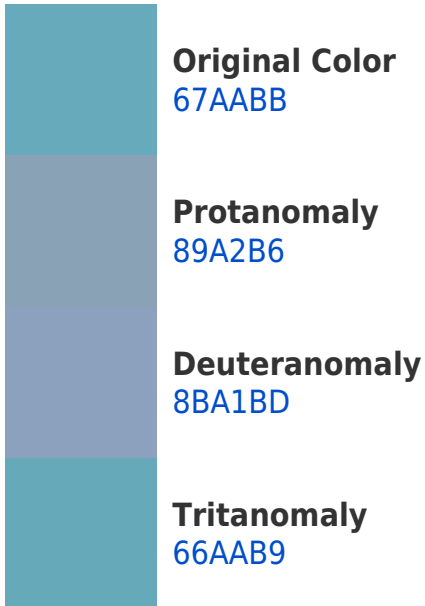
Dichromacy



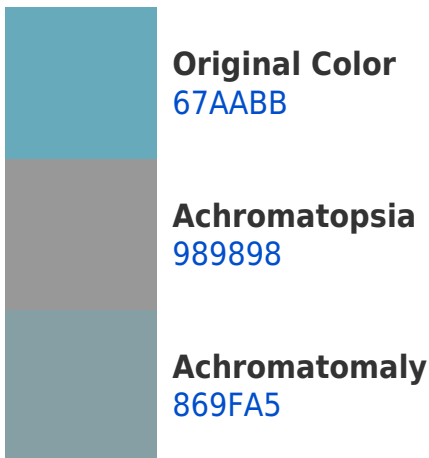


Tritanopia
66AAB8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #67AABB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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