

Converting Colors

Hex(67AEB0)

Have a look what the booklet for
Hex(67AEB0) contains.

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Color

Hex(67AEB0)

Conversions

Conversions Part 1

Format	Color
Hex	67AEB0
RGB	103, 174, 176
RGB Percent	40%, 68%, 69%
CMY	0.5961, 0.3176, 0.3098
CMYK	0.41, 0.01, 0.00, 0.31
HSL	182°, 32%, 55%
HSV	182°, 41%, 69%
XYZ	28.5660, 36.2903, 46.5734
YIQ	152.9990, -42.9580, -14.4300

Conversions

Conversions Part 2

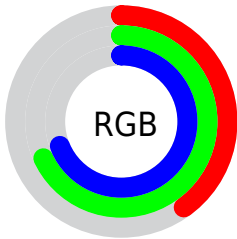
Format	Color
RYB	103, 139, 176
Decimal	6794928
CIELab	66.74, -21.72, -8.03
CIELCh	67, 23.161, 200.298
Yxy	36.2903, 0.2564, 0.3257
Android (android.graphics.Color)	4284985008 (0xFF67AEB0)
YUV	152.9990, 11.3395, -43.8491
Hunter-Lab	60.2414, -20.7790, -3.6689

Details

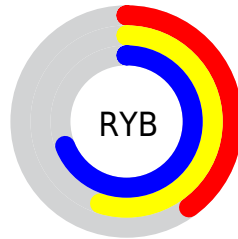
The Hex color **67AEB0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B06967**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9EE6E8**, and **30797C** is the 20% darker color. If you saturate the color by 10%, you get **55AEB0**, and if you desaturate by 10%, it is **79AEB0**.

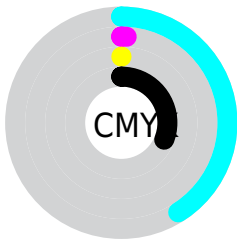
Distribution



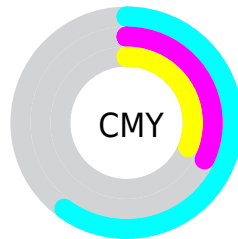
- Red (40%)
- Green (68%)
- Blue (69%)



- Red (40%)
- Yellow (55%)
- Blue (69%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AEB0 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 67AEB0 by changing the saturation by 10% instead.

 67AEB0

 67AEB0

FFFFFF

 4C9395

 9EE6E8

 30797C

 BAF0FF

 0D6063

 D7FFFF

 00484B

 F4FFFF

 003134

 001E1F

 000006

 000000

 67AEB0

 67AEB0

■ 55AEB0

■ 79AEB0

■ 44ADB0

■ 8AAFB0

■ 32ADB0

■ 9CAFB0

■ 21ACB0

■ ADB0B0

■ 0FACB0

■ BFB0B0

■ 00ABB0

■ D1B1B0

■ E2B1B0

■ F4B2B0

■ FFB2B0

Harmonies

Analogous

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



75AE9B



67AEB0



6BABC2

Triad

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



67AEB0



B798BD



B89F7A

Complementary

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



67AEB0



B06967

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.



C79883



67AEB0



C894AA

Square

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



67AEB0



9D9FC9



CD9495



A3A57B

Rectangle

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



67AEB0



78A8C9



CD9495



BE9C7C

Sweetspot

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



67AEB0



CAE5E6



67B068



637273



F2F2F2



737373

Same Dimension

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



67AEB0



73E2E6



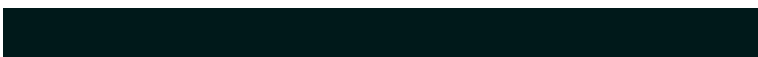
678AB0



505959



009599



00191A

Inverse Universe

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



B067AE



E673E2



B08D67



595059



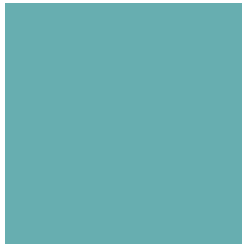
990095



1A0019

Previews

White Background



This preview shows how the Hex color 67AEB0 looks on a white background.

Color Contrast Check

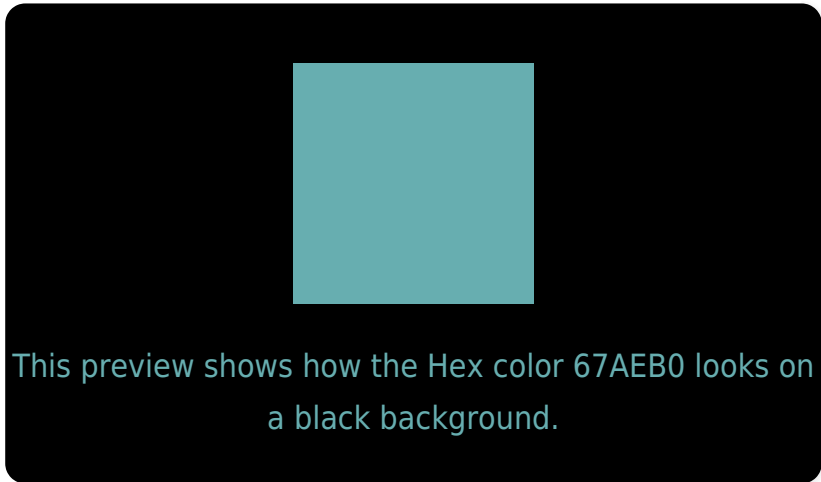
Large Text (above 18pt) WCAG AA × Fail

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

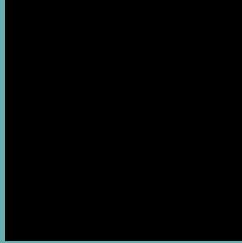
Any Text WCAG AA ✓ Pass

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 67AEB0 Background



This preview shows how black text looks on a background with the Hex color 67AEB0.

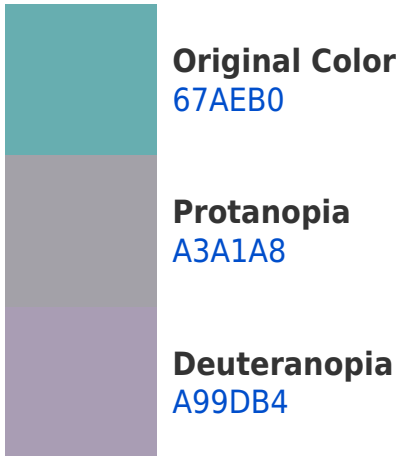


This preview shows how white text looks on a background with the Hex color 67AEB0.

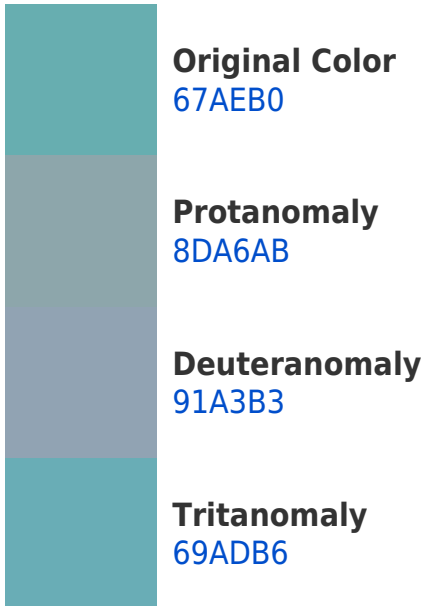
Color Blindness Simulation

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](#).

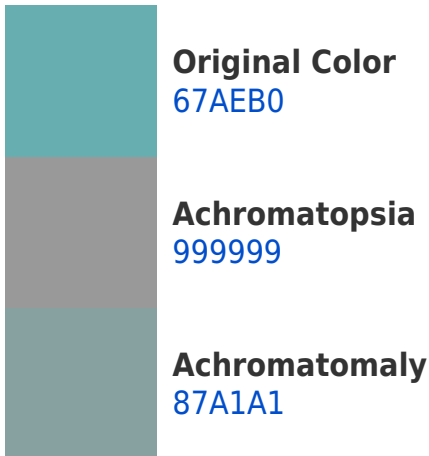
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AEB0 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 #67AEB0 looks like.

```
.text, #text, p{  
    color:#67AEB0  
}
```

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 #67AEB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AEB0  
}
```

Border

The CSS property to change the border of an element to Hex 67AEB0 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  
#67AEB0 }
```

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

```
.border{ border-color:#67AEB0 }
```

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

Here you see how a box with a 4 pixel #67AEB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AEB0; -webkit-box-shadow:4px 4px  
4px 4px #67AEB0; box-shadow:4px 4px 4px  
4px #67AEB0 }
```

Background

The CSS property to change the background color of an element to Hex 67AEB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AEB0 }
```

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

```
.background{ background-color:#67AEB0 }
```

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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