

Converting Colors

Hex(67ABA5)

Have a look what the booklet for
Hex(67ABA5) contains.

Hex(67ABA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67ABA5)

Conversions

Conversions Part 1

Format	Color
Hex	67ABA5
RGB	103, 171, 165
RGB Percent	40%, 67%, 65%
CMY	0.5961, 0.3294, 0.3529
CMYK	0.40, 0.00, 0.04, 0.33
HSL	175°, 29%, 54%
HSV	175°, 40%, 67%
XYZ	26.9480, 34.7260, 40.8798
YIQ	149.9840, -38.6020, -16.2820

Conversions

Conversions Part 2

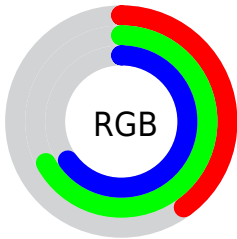
Format	Color
RYB	103, 139, 171
Decimal	6794149
CIELab	65.53, -22.97, -3.71
CIELCh	66, 23.267, 189.163
Yxy	34.7260, 0.2628, 0.3386
Android (android.graphics.Color)	4284984229 (0xFF67ABA5)
YUV	149.9840, 7.4029, -41.2050
Hunter-Lab	58.9288, -21.4978, 0.1198

Details

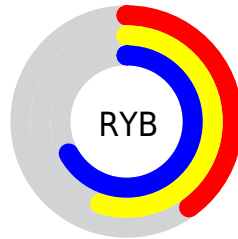
The Hex color **67ABA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AB676D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9DE3DC**, and **317671** is the 20% darker color. If you saturate the color by 10%, you get **56ABA3**, and if you desaturate by 10%, it is **78ABA7**.

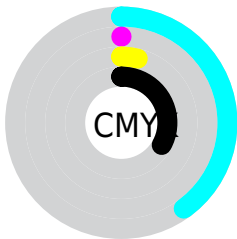
Distribution



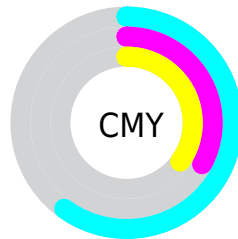
- Red (40%)
- Green (67%)
- Blue (65%)



- Red (40%)
- Yellow (55%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67ABA5 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 67ABA5 by changing the saturation by 10% instead.



67ABA5



67ABA5

FFFFFF



4C908B



9DE3DC



317671



B9FFF8



125E59



D6FFFF



004642



F3FFFF



002F2C



001C17



000000



67ABA5



67ABA5



56ABA3



78ABA7

 45ABA2

 89ABA8

 34ABA0

 9AABAA

 23AB9F

 ABABAB

 11AB9D

 BCABAD

 00AB9C

 CEABAE

 DFABB0

 F0ABB1

 FFABB3

Harmonies

Analogous

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



79AA90



67ABA5



63AAB9

Triad

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



67ABA5



AB98C0



BB9979

Complementary

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



67ABA5



AB676D

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.



C79386



67ABA5



BF92AE

Square

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



67ABA5



8F9FC8



C99099



A8A076

Rectangle

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



67ABA5



6CA7C2



C99099



C0977C

Sweetspot

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



67ABA5



C3DEDC



6EAB67



60706F



F0F0F0



707070

Same Dimension

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



67ABA5



73DED4



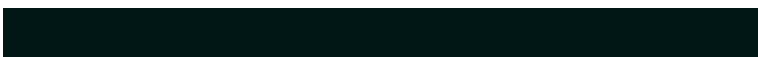
6790AB



4E5756



009689



001715

Inverse Universe

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



AB676D



DE737D



AB8267



574E4F



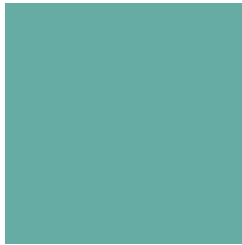
96000D



170002

Previews

White Background



This preview shows how the Hex color 67ABA5 looks on a white background.

Color Contrast Check

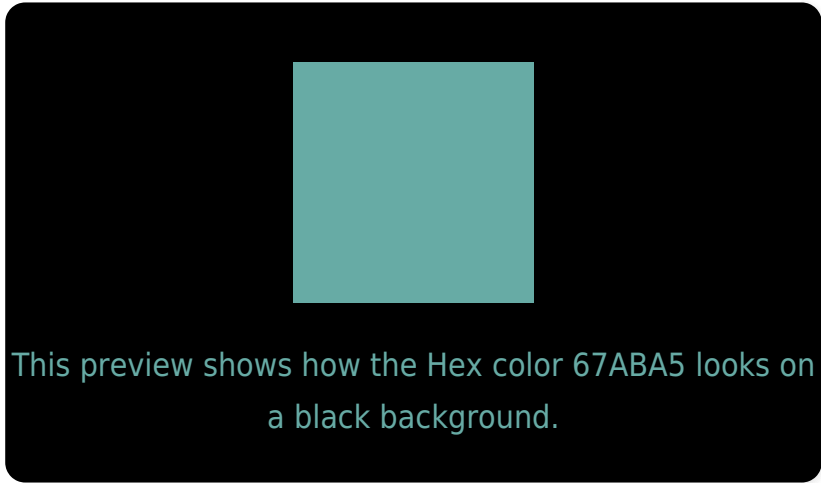
Large Text (above 18pt) WCAG AA × Fail

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

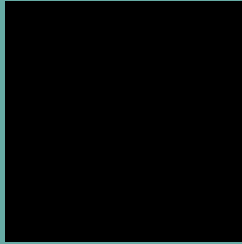
Any Text WCAG AA ✓ Pass

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 67ABA5 Background



This preview shows how black text looks on a background with the Hex color 67ABA5.

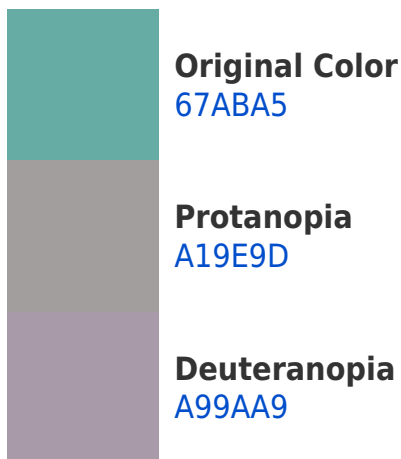


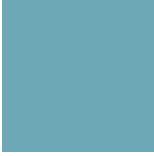
This preview shows how white text looks on a background with the Hex color 67ABA5.

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](#).

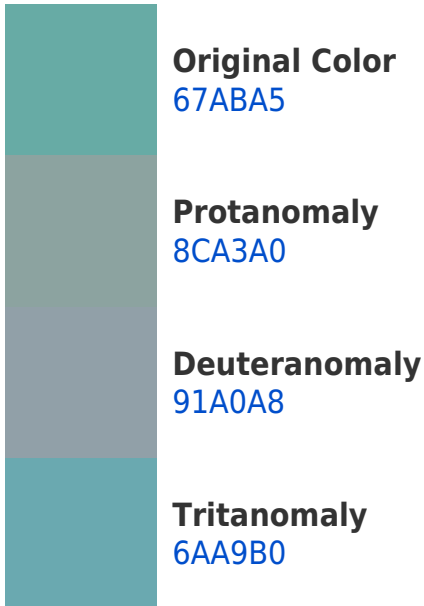
Dichromacy



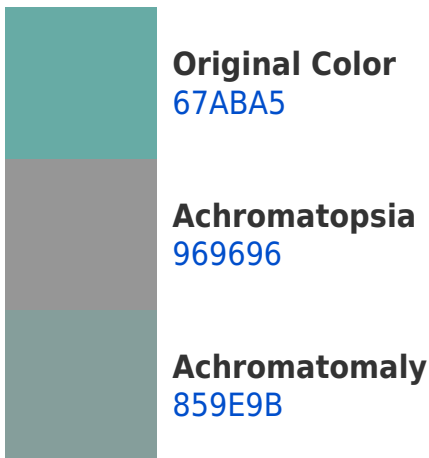


Tritanopia
6CA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67ABA5 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 #67ABA5 looks like.

```
.text, #text, p{  
    color:#67ABA5  
}
```

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 #67ABA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67ABA5  
}
```

Border

The CSS property to change the border of an element to Hex 67ABA5 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  
#67ABA5 }
```

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

```
.border{ border-color:#67ABA5 }
```

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

Here you see how a box with a 4 pixel #67ABA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67ABA5; -webkit-box-shadow:4px 4px  
4px 4px #67ABA5; box-shadow:4px 4px 4px  
4px #67ABA5 }
```

Background

The CSS property to change the background color of an element to Hex 67ABA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67ABA5 }
```

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

```
.background{ background-color:#67ABA5 }
```

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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