

Converting Colors

Hex(84ABA7)

Have a look what the booklet for
Hex(84ABA7) contains.

Hex(84ABA7)	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(84ABA7)

Conversions

Conversions Part 1

Format	Color
Hex	84ABA7
RGB	132, 171, 167
RGB Percent	52%, 67%, 65%
CMY	0.4824, 0.3294, 0.3451
CMYK	0.23, 0.00, 0.02, 0.33
HSL	174°, 19%, 59%
HSV	174°, 23%, 67%
XYZ	31.0537, 36.8214, 42.0297
YIQ	158.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

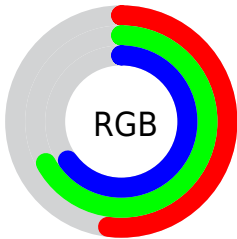
Format	Color
RYB	132, 153, 171
Decimal	8694695
CIELab	67.14, -14.00, -2.27
CIElCh	67, 14.185, 189.221
Yxy	36.8214, 0.2826, 0.3350
Android (android.graphics.Color)	4286884775 (0xFF84ABA7)
YUV	158.8830, 4.0017, -23.5764
Hunter-Lab	60.6806, -14.8426, 1.4099

Details

The Hex color **84ABA7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8488**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BAE2DE**, and **517773** is the 20% darker color. If you saturate the color by 10%, you get **73ABA5**, and if you desaturate by 10%, it is **95ABA9**.

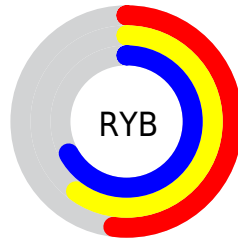
Distribution



Red (52%)

Green (67%)

Blue (65%)



Red (52%)

Yellow (60%)

Blue (67%)

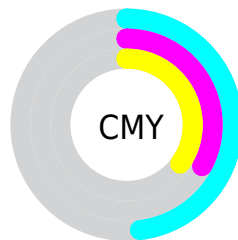


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84ABA7 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 84ABA7 by changing the saturation by 10% instead.



84ABA7



84ABA7

FFFFFF



6A908D



BAE2DE



517773



D6FFFB



395E5B



F2FFFF



224643



09302D



001C18



000000



84ABA7



84ABA7



73ABA5



95ABA9

62ABA3

A6ABAB

51ABA2

B7ABAC

40ABA0

C8ABAE

2FAB9E

DAABB0

1DAB9C

EBABB2

0CAB9B

FCABB3

00AB99

FFABB5

FFABB7

Harmonies

Analogous

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



8DAA9A



84ABA7



83AAB3

Triad

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



84ABA7



AB9FB7



B6A08C

Complementary

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



84ABA7



AB8488

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.



BD9C94



84ABA7



B89CAD

Square

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



84ABA7



9AA3BC



BE9BA0



AAA48A

Rectangle

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



84ABA7



88A8B9



BE9BA0



B99E8E

Sweetspot

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



84ABA7



CEDEDC



89AB84



67706F



F0F0F0



707070

Same Dimension

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



84ABA7



A2DED8



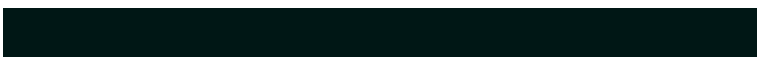
849CAB



4E5756



009687



001715

Inverse Universe

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



AB8488



DEA2A8



AB9384



574E4F



96000F



170002

Previews

White Background



This preview shows how the Hex color 84ABA7 looks on a white background.

Color Contrast Check

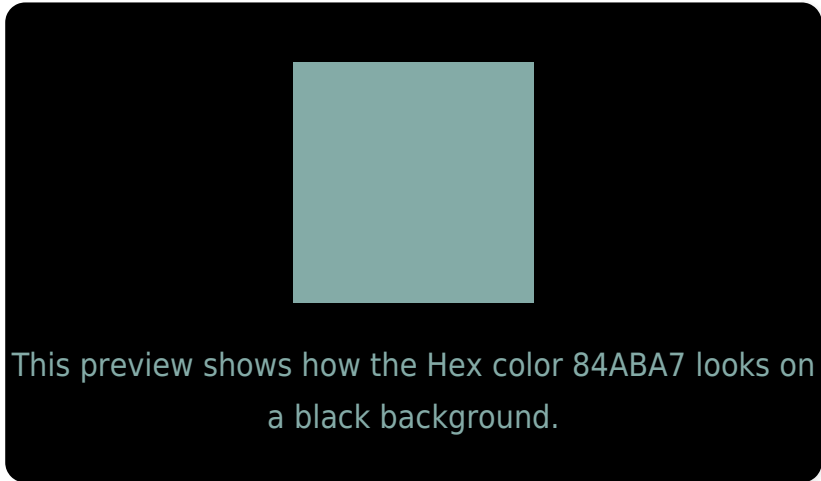
Large Text (above 18pt) WCAG AA × Fail

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

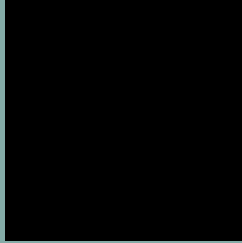
Any Text WCAG AA ✓ Pass

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 84ABA7 Background



This preview shows how black text looks on a background with the Hex color 84ABA7.



This preview shows how white text looks on a background with the Hex color 84ABA7.

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
87A9B6

Trichromacy



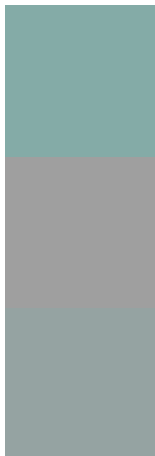
Original Color
84ABA7

Protanomaly
9AA5A4

Deuteranomaly
A0A3A9

Tritanomaly
86AAB1

Monochromacy



Original Color
84ABA7

Achromatopsia
9F9F9F

Achromatomaly
95A3A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 84ABA7 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 #84ABA7 looks like.

```
.text, #text, p{  
    color:#84ABA7  
}
```

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 #84ABA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84ABA7  
}
```

Border

The CSS property to change the border of an element to Hex 84ABA7 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  
#84ABA7 }
```

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

```
.border{ border-color:#84ABA7 }
```

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

Here you see how a box with a 4 pixel #84ABA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84ABA7; -webkit-box-shadow:4px 4px  
4px 4px #84ABA7; box-shadow:4px 4px 4px  
4px #84ABA7 }
```

Background

The CSS property to change the background color of an element to Hex 84ABA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84ABA7 }
```

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

```
.background{ background-color:#84ABA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor