

Converting Colors

Hex(8AA7B4)

Have a look what the booklet for
Hex(8AA7B4) contains.

Hex(8AA7B4)	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(8AA7B4)

Conversions

Conversions Part 1

Format	Color
Hex	8AA7B4
RGB	138, 167, 180
RGB Percent	54%, 65%, 71%
CMY	0.4588, 0.3451, 0.2941
CMYK	0.23, 0.07, 0.00, 0.29
HSL	199°, 22%, 62%
HSV	199°, 23%, 71%
XYZ	32.5382, 36.3360, 48.4786
YIQ	159.8110, -21.4570, -2.1050

Conversions

Conversions Part 2

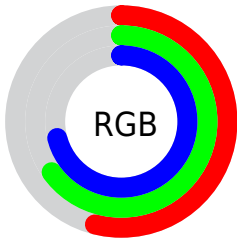
Format	Color
R_{YB}	138, 155, 180
Decimal	9086900
CIE _{Lab}	66.78, -7.02, -10.00
CIE _{LCh}	67, 12.219, 234.945
Yxy	36.3360, 0.2773, 0.3096
Android (android.graphics.Color)	4287276980 (0xFF8AA7B4)
YUV	159.8110, 9.9532, -19.1282
Hunter-Lab	60.2793, -9.1364, -5.4874

Details

The Hex color **8AA7B4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B4978A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C0DEEC**, and **57737F** is the 20% darker color. If you saturate the color by 10%, you get **78A1B4**, and if you desaturate by 10%, it is **9CADB4**.

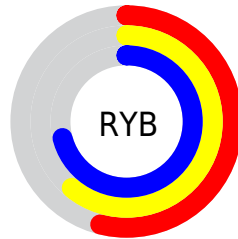
Distribution



Red (54%)

Green (65%)

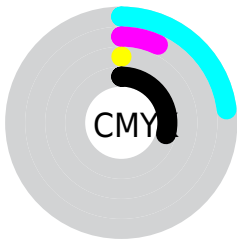
Blue (71%)



Red (54%)

Yellow (61%)

Blue (71%)

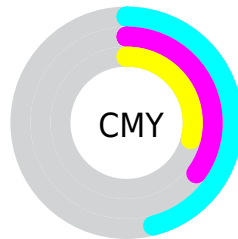


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA7B4 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 8AA7B4 by changing the saturation by 10% instead.



8AA7B4



8AA7B4

FFFFFF



708D99



C0DEEC



57737F



DCFBFF



3F5B66



F9FFFF



27434E



102D37



001922



00000B



000000



8AA7B4



8AA7B4

78A1B4

9CADB4

669CB4

AEB2B4

5496B4

C0B8B4

4291B4

D2BDB4

308BB4

E4C3B4

1E86B4

F6C8B4

0C80B4

FFCEB4

007CB4

FFD4B4

FFD9B4

Harmonies

Analogous

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



86A9AB



8AA7B4



95A4B8

Triad

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



8AA7B4



B89BA5



A1A58E

Complementary

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



8AA7B4



B4978A

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.



ADA18D



8AA7B4



BA9B9A

Square

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



8AA7B4



AF9DAF



B69E91



95A796

Rectangle

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



8AA7B4



9EA2B7



B69E91



A6A38D

Sweetspot

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



8AA7B4



DAE6EB



8AB497



6C7275



F5F5F5



757575

Same Dimension

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



8AA7B4



A9D6EB



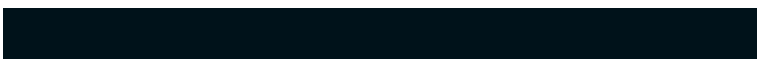
8A92B4



505659



006A99



00121A

Inverse Universe

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



B48AA7



EBA9D6



B4AC8A



595056



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 8AA7B4 looks on a white background.

Color Contrast Check

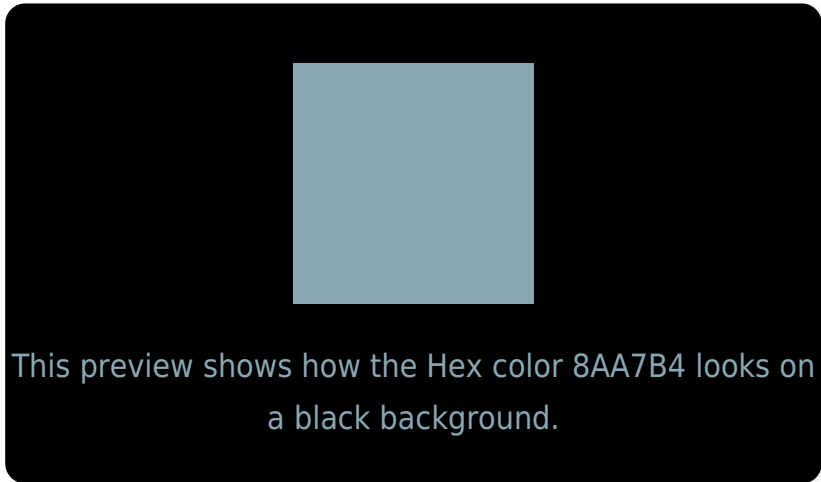
Large Text (above 18pt) WCAG AA × Fail

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

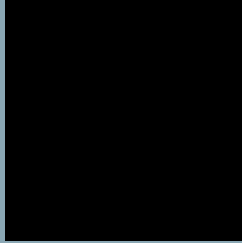
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

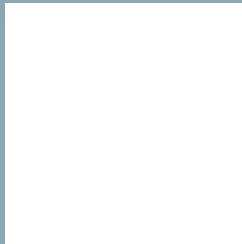
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8AA7B4 Background



This preview shows how black text looks on a background with the Hex color 8AA7B4.

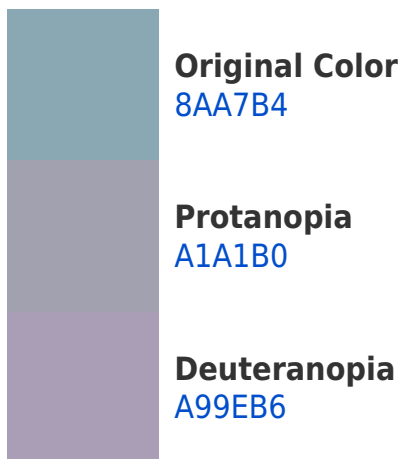


This preview shows how white text looks on a background with the Hex color 8AA7B4.

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](#).

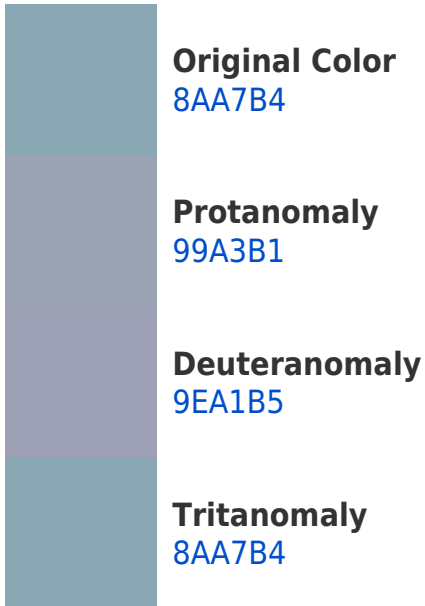
Dichromacy



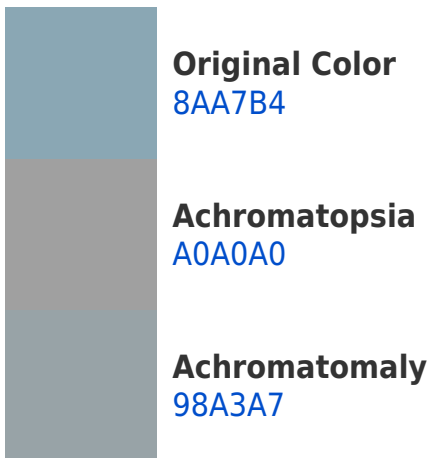


Tritanopia
8AA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA7B4 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 #8AA7B4 looks like.

```
.text, #text, p{  
    color:#8AA7B4  
}
```

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 #8AA7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA7B4
}
```

Border

The CSS property to change the border of an element to Hex 8AA7B4 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
#8AA7B4 }
```

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

```
.border{ border-color:#8AA7B4 }
```

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

Here you see how a box with a 4 pixel #8AA7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA7B4; -webkit-box-shadow:4px 4px  
4px 4px #8AA7B4; box-shadow:4px 4px 4px  
4px #8AA7B4 }
```

Background

The CSS property to change the background color of an element to Hex 8AA7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA7B4 }
```

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

```
.background{ background-color:#8AA7B4 }
```

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