

Converting Colors

Hex(8AA78A)

Have a look what the booklet for
Hex(8AA78A) contains.

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Color

Hex(8AA78A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8AA78A |
| RGB | 138, 167, 138 |
| RGB Percent | 54%, 65%, 54% |
| CMY | 0.4588, 0.3451, 0.4588 |
| CMYK | 0.17, 0.00, 0.17, 0.35 |
| HSL | 120°, 14%, 60% |
| HSV | 120°, 17%, 65% |
| XYZ | 28.8874, 34.8757, 29.2539 |
| YIQ | 155.0230, -7.9750, -15.1670 |

Conversions

Conversions Part 2

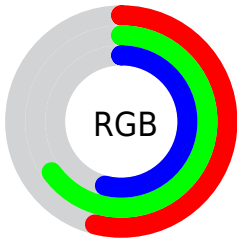
| Format | Color |
|-------------------------------------|---|
| RYB | 138, 167, 167 |
| Decimal | 9086858 |
| CIELab | 65.65, -15.78, 11.72 |
| CIELCh | 66, 19.656, 143.381 |
| Yxy | 34.8757, 0.3106, 0.3749 |
| Android (android.graphics.Color) | 4287276938 (0xFF8AA78A) |
| YUV | 155.0230, -8.3923, -14.9292 |
| Hunter-Lab | 59.0556, -16.0331, 11.9689 |

Details

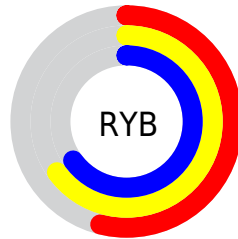
The Hex color **8AA78A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A78AA7**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C0DEBF**, and **587358** is the 20% darker color. If you saturate the color by 10%, you get **79A779**, and if you desaturate by 10%, it is **9BA79B**.

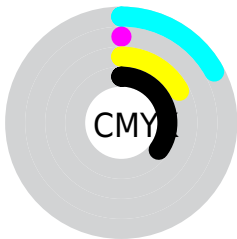
Distribution



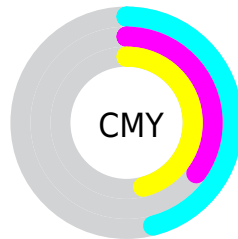
- Red (54%)
- Green (65%)
- Blue (54%)



- Red (54%)
- Yellow (65%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA78A 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 8AA78A by changing the saturation by 10% instead.



8AA78A



8AA78A

FFFFFF



708D71



C0DEBF



587358



DCFBDB



405A41



F8FFF8



29432A



132C16



001900



000000



8AA78A



8AA78A



79A779



9BA79B

 69A769

 ABA7AB

 58A758

 BCA7BC

 47A747

 CDA7CD

 36A736

 DDA7DD

 26A726

 EEA7EE

 15A715

 FFA7FF

 04A704

 00A700

Harmonies

Analogous

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



9EA37F



8AA78A



78A99B

Triad

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



8AA78A



86A2C2



C49492

Complementary

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



8AA78A



A78AA7

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.



C093A4



8AA78A



9D9CC0

Square

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



8AA78A



74A7BB



B397B5



BE9784

Rectangle

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



8AA78A



71AAA7



B397B5



C49398

Sweetspot

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



8AA78A



CED9CE



A7A78A



676E67



EDEDED



6E6E6E

Same Dimension

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



8AA78A



ABD9AB



8AA798



4C544C



009400



001400

Inverse Universe

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



A78AA7



D9ABD9



A78A98



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 8AA78A looks on a white background.

Color Contrast Check

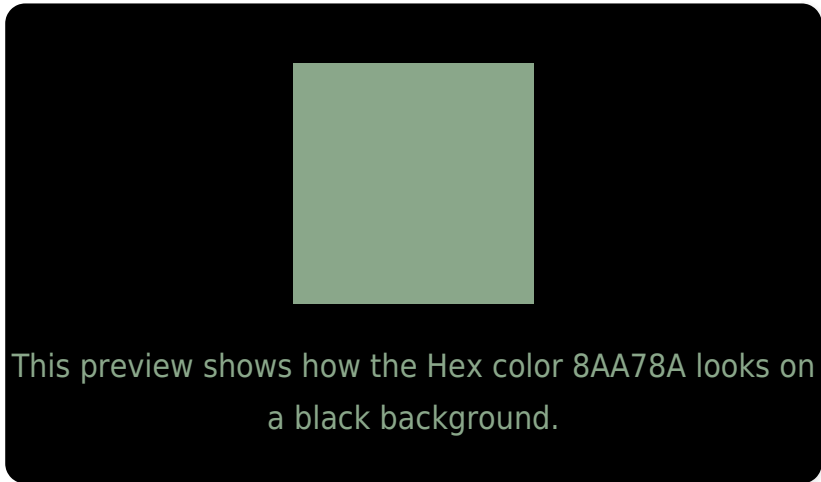
Large Text (above 18pt) WCAG AA × Fail

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

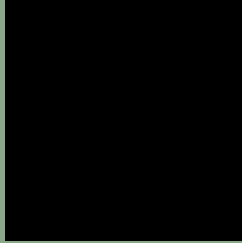
Any Text WCAG AA ✓ Pass

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 8AA78A Background



This preview shows how black text looks on a background with the Hex color 8AA78A.



This preview shows how white text looks on a background with the Hex color 8AA78A.

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](#).

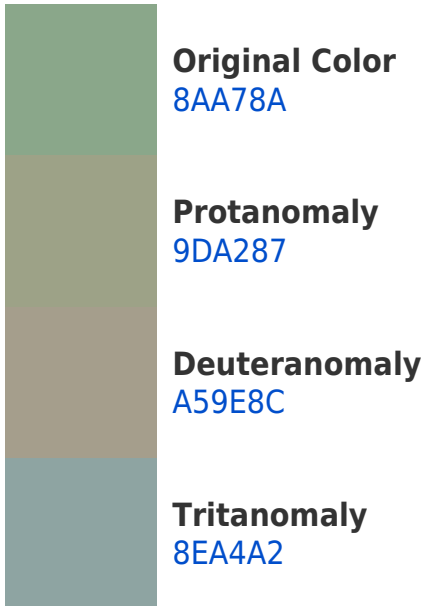
Dichromacy



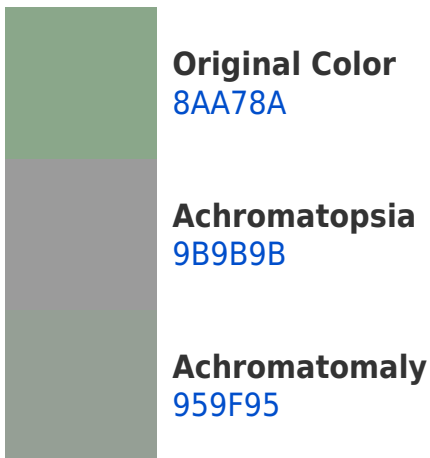


Tritanopia
90A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA78A 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 #8AA78A looks like.

```
.text, #text, p{  
    color:#8AA78A  
}
```

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 #8AA78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA78A
}
```

Border

The CSS property to change the border of an element to Hex 8AA78A 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
#8AA78A }
```

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

```
.border{ border-color:#8AA78A }
```

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

Here you see how a box with a 4 pixel #8AA78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA78A; -webkit-box-shadow:4px 4px  
4px 4px #8AA78A; box-shadow:4px 4px 4px  
4px #8AA78A }
```

Background

The CSS property to change the background color of an element to Hex 8AA78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA78A }
```

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

```
.background{ background-color:#8AA78A }
```

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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