

Converting Colors

Hex(8784AA)

Have a look what the booklet for
Hex(8784AA) contains.

Hex(8784AA)	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(8784AA)

Conversions

Conversions Part 1

Format	Color
Hex	8784AA
RGB	135, 132, 170
RGB Percent	53%, 52%, 67%
CMY	0.4706, 0.4824, 0.3333
CMYK	0.21, 0.22, 0.00, 0.33
HSL	245°, 18%, 59%
HSV	245°, 22%, 67%
XYZ	25.4986, 24.5557, 41.4260
YIQ	137.2290, -10.4100, 12.4540

Conversions

Conversions Part 2

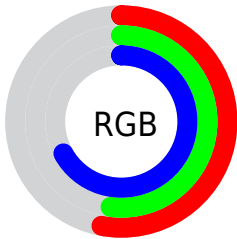
Format	Color
R_{YB}	135, 132, 170
Decimal	8881322
CIE Lab	56.64, 9.37, -19.68
CIE LCh	57, 21.798, 295.464
Yxy	24.5557, 0.2787, 0.2684
Android (android.graphics.Color)	4287071402 (0xFF8784AA)
YUV	137.2290, 16.1561, -1.9548
Hunter-Lab	49.5537, 5.1310, -14.8778

Details

The Hex color **8784AA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A7AA84**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BDB9E1**, and **555376** is the 20% darker color. If you saturate the color by 10%, you get **7773AA**, and if you desaturate by 10%, it is **9795AA**.

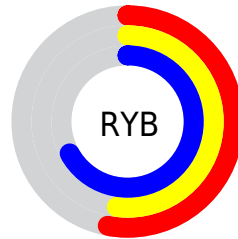
Distribution



Red (53%)

Green (52%)

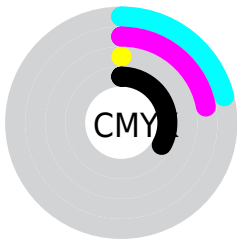
Blue (67%)



Red (53%)

Yellow (52%)

Blue (67%)

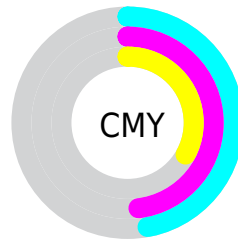


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8784AA 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 8784AA by changing the saturation by 10% instead.



8784AA



8784AA

FFFFFF



6D6B8F



BDB9E1



555376



D9D5FE



3D3C5D



F5F1FF



262645



10122F



00011A



000000



8784AA



8784AA



7773AA



9795AA

6862AA

A6A6AA

5851AA

B6B7AA

4840AA

C6C8AA

392FAA

D5D9AA

291EAA

E5EAAA

190DAA

F5FBAA

0D00AA

FFFFAA

Harmonies

Analogous

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



6C8AAD



8784AA



9E7E9E

Triad

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



8784AA



A77F69



5B9284

Complementary

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



8784AA



A7AA84

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.



6F9072



8784AA



988662

Square

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



8784AA



AE7B78



858C65



509297

Rectangle

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



8784AA



A87B92



858C65



61927E

Sweetspot

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



8784AA



D0CEDE



84A7AA



686770



F0F0F0



707070

Same Dimension

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



8784AA



A7A2DE



9A84AA



4C4C54



0C0094



020014

Inverse Universe

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



AA84A7



DEA2D9



94AA84



544C53



940088



140013

Previews

White Background



This preview shows how the Hex color 8784AA looks on a white background.

Color Contrast Check

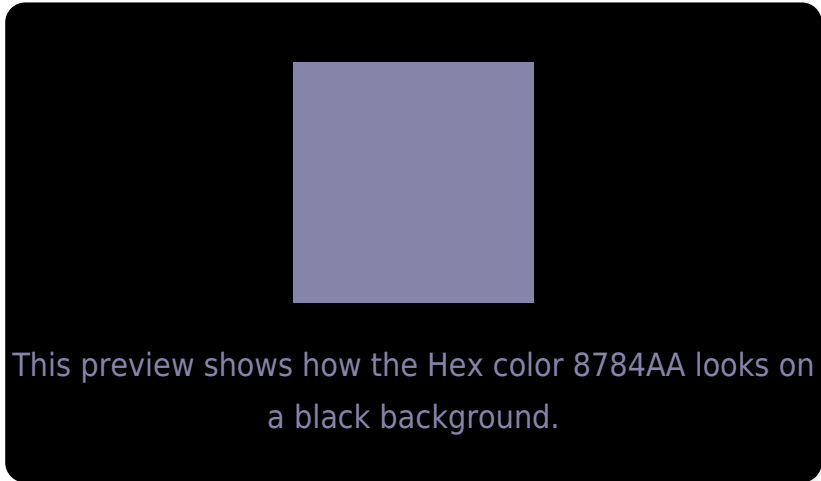
Large Text (above 18pt) WCAG AA ✓ Pass

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

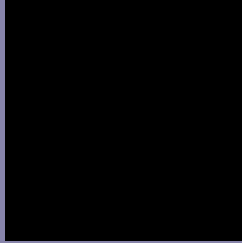
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8784AA Background



This preview shows how black text looks on a background with the Hex color 8784AA.



This preview shows how white text looks on a background with the Hex color 8784AA.

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



Original Color
8784AA

Protanopia
7F86AC

Deuteranopia
8485AA



Tritanopia
838893

Trichromacy



Original Color
8784AA

Protanomaly
8285AB

Deuteranomaly
8585AA

Tritanomaly
84879B

Monochromacy



Original Color
8784AA

Achromatopsia
898989

Achromatomaly
888795

CSS Examples

Text

The CSS property to change the color of the text to Hex 8784AA 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 #8784AA looks like.

```
.text, #text, p{  
    color:#8784AA  
}
```

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 #8784AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8784AA
}
```

Border

The CSS property to change the border of an element to Hex 8784AA 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
#8784AA }
```

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

```
.border{ border-color:#8784AA }
```

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

Here you see how a box with a 4 pixel #8784AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8784AA; -webkit-box-shadow:4px 4px  
4px 4px #8784AA; box-shadow:4px 4px 4px  
4px #8784AA }
```

Background

The CSS property to change the background color of an element to Hex 8784AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8784AA }
```

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

```
.background{ background-color:#8784AA }
```

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