

Converting Colors

Hex(8567A7)

Have a look what the booklet for
Hex(8567A7) contains.

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Color

Hex(8567A7)

Conversions

Conversions Part 1

Format	Color
Hex	8567A7
RGB	133, 103, 167
RGB Percent	52%, 40%, 65%
CMY	0.4784, 0.5961, 0.3451
CMYK	0.20, 0.38, 0.00, 0.35
HSL	268°, 27%, 53%
HSV	268°, 38%, 65%
XYZ	21.4982, 17.4771, 38.7995
YIQ	119.2660, -2.6640, 26.2640

Conversions

Conversions Part 2

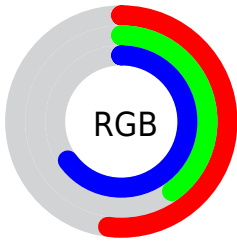
Format	Color
R_{YB}	133, 103, 167
Decimal	8742823
CIE _{Lab}	48.86, 25.09, -29.97
CIE _{LCh}	49, 39.089, 309.936
Yxy	17.4771, 0.2764, 0.2247
Android (android.graphics.Color)	4286932903 (0xFF8567A7)
YUV	119.2660, 23.5329, 12.0447
Hunter-Lab	41.8056, 18.6324, -25.7629

Details

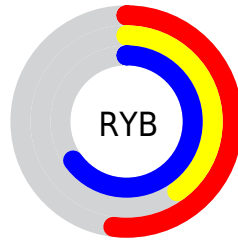
The Hex color **8567A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89A767**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BB9ADE**, and **523773** is the 20% darker color. If you saturate the color by 10%, you get **7C56A7**, and if you desaturate by 10%, it is **8E78A7**.

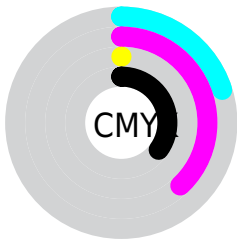
Distribution



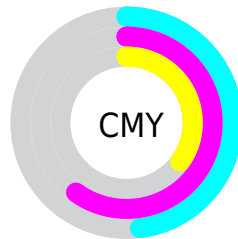
- Red (52%)
- Green (40%)
- Blue (65%)



- Red (52%)
- Yellow (40%)
- Blue (65%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8567A7 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 8567A7 by changing the saturation by 10% instead.

■ 8567A7

■ 8567A7

FFFFFF

■ 6B4F8C

■ BB9ADE

■ 523773

■ D7B5FB

■ 39215A

■ F4D1FF

■ 220C42

■ FFEDFF

■ 0E002C

■ 000116

■ 000000

■ 8567A7

■ 8567A7

■ 7C56A7

■ 8E78A7

7346A7

9788A7

6A35A7

A099A7

6224A7

A8AAA7

5914A7

B1BBA7

5003A7

BACBA7

4E00A7

C3DCA7

CCEDA7

D5FDA7

Harmonies

Analogous

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



4F74B5



8567A7



A55C8C

Triad

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



8567A7



9A6A35



00857E

Complementary

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



8567A7



89A767

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.



26835C



8567A7



7D7630

Square

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



8567A7



AD5E4B



597E3F



00839E

Rectangle

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



8567A7



B05875



597E3F



008573

Sweetspot

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



8567A7



CCC1D9



6789A7



665F6E



EDEDED



6E6E6E

Same Dimension

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



8567A7



A475D9



A567A7



504C54



450094



0A0014

Inverse Universe

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



A76789



D975AA



69A767



544C50



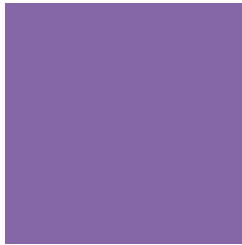
94004F



14000B

Previews

White Background



This preview shows how the Hex color 8567A7 looks on a white background.

Color Contrast Check

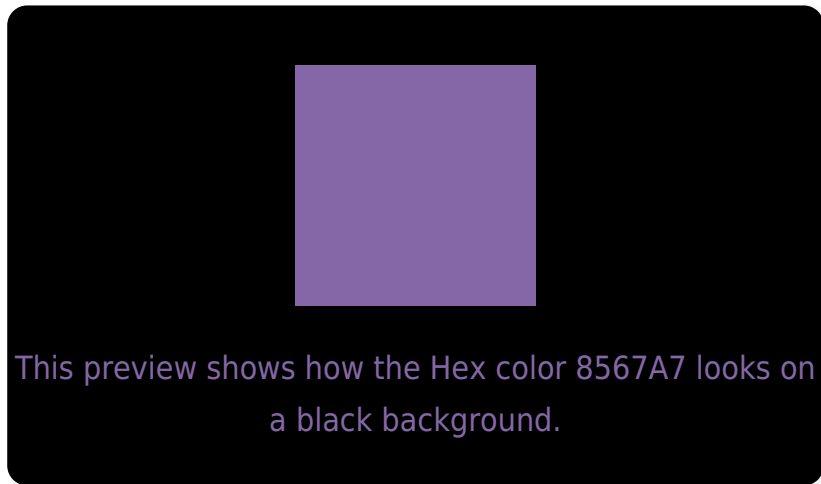
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

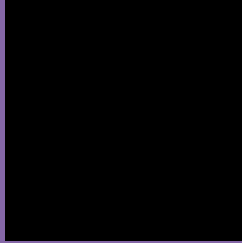
Any Text WCAG AA ✓ Pass

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 8567A7 Background



This preview shows how black text looks on a background with the Hex color 8567A7.

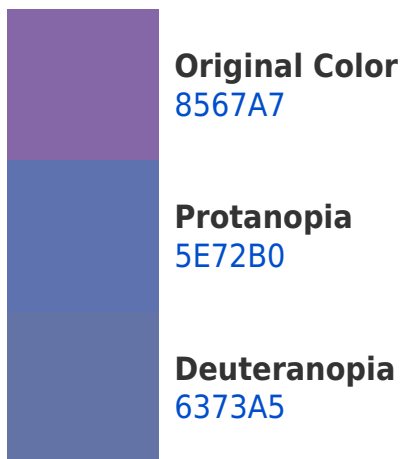


This preview shows how white text looks on a background with the Hex color 8567A7.

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](#).

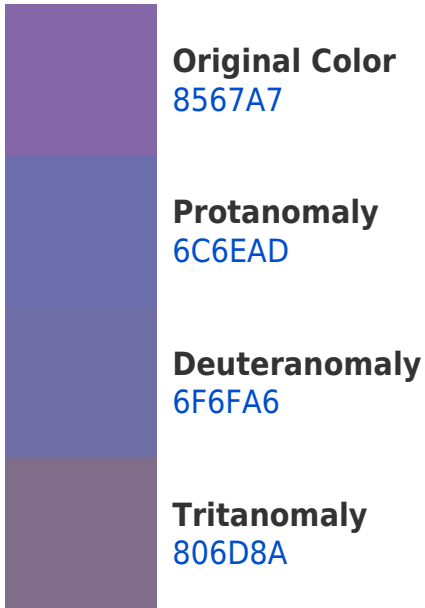
Dichromacy



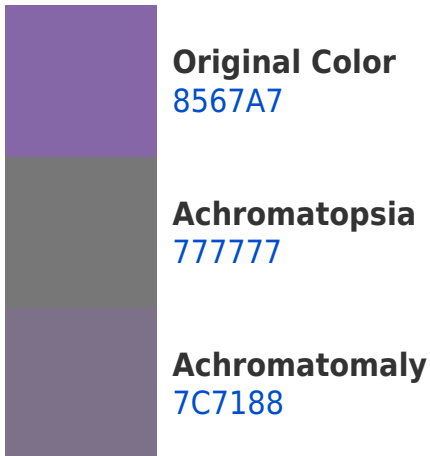


Tritanopia
7D7179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8567A7 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 #8567A7 looks like.

```
.text, #text, p{  
    color:#8567A7  
}
```

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 #8567A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8567A7
}
```

Border

The CSS property to change the border of an element to Hex 8567A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

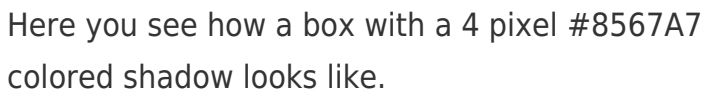
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8567A7 }
```

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

```
.border{ border-color:#8567A7 }
```

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



Here you see how a box with a 4 pixel #8567A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8567A7; -webkit-box-shadow:4px 4px  
4px 4px #8567A7; box-shadow:4px 4px 4px  
4px #8567A7 }
```

Background

The CSS property to change the background color of an element to Hex 8567A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8567A7 }
```

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

```
.background{ background-color:#8567A7 }
```

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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