

Converting Colors

Hex(8567AA)

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

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Color

Hex(8567AA)

Conversions

Conversions Part 1

Format	Color
Hex	8567AA
RGB	133, 103, 170
RGB Percent	52%, 40%, 67%
CMY	0.4784, 0.5961, 0.3333
CMYK	0.22, 0.39, 0.00, 0.33
HSL	267°, 28%, 54%
HSV	267°, 39%, 67%
XYZ	21.7788, 17.5893, 40.2774
YIQ	119.6080, -3.6270, 27.1970

Conversions

Conversions Part 2

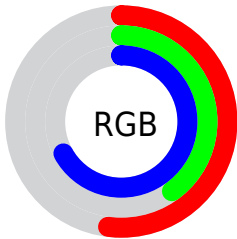
Format	Color
R_{YB}	133, 103, 170
Decimal	8742826
CIE _{Lab}	48.99, 25.82, -31.51
CIE _{LCh}	49, 40.736, 309.326
Yxy	17.5893, 0.2734, 0.2208
Android (android.graphics.Color)	4286932906 (0xFF8567AA)
YUV	119.6080, 24.8433, 11.7448
Hunter-Lab	41.9396, 19.2989, -27.5824

Details

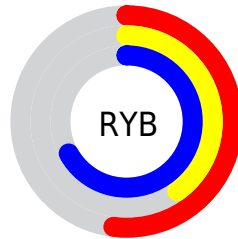
The Hex color **8567AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8CAA67**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BB9AE2**, and **523775** is the 20% darker color. If you saturate the color by 10%, you get **7C56AA**, and if you desaturate by 10%, it is **8E78AA**.

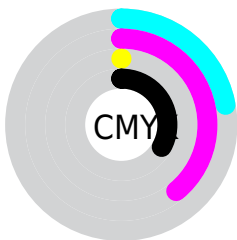
Distribution



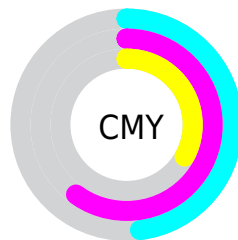
- Red (52%)
- Green (40%)
- Blue (67%)



- Red (52%)
- Yellow (40%)
- Blue (67%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

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

8567AA

8567AA

FFFFFF

6B4F8F

BB9AE2

523775

D7B5FE

39215C

F4D1FF

210C45

FFEEFF

0D002E

000118

000000

8567AA

8567AA

7C56AA

8E78AA

7245AA

9889AA

6934AA

A19AAA

5F23AA

ABABAA

5612AA

B4BCAA

4D01AA

BDCDAA

4C00AA

C7DEAA

D0EFAA

D9FFAA

Harmonies

Analogous

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



4B74B8



8567AA



A75B8E

Triad

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



8567AA



9C6A33



00867E

Complementary

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



8567AA



8CAA67

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.



22845B



8567AA



7E762D

Square

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



8567AA



B05D4A



597F3D



00849F

Rectangle

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



8567AA



B25777



597F3D



008672

Sweetspot

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



8567AA



CFC3DE



678DAA



686070



F0F0F0



707070

Same Dimension

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



8567AA



A476DE



A667AA



504C54



420094



090014

Inverse Universe

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



AA678C



DE76AF



6BAA67



544C50



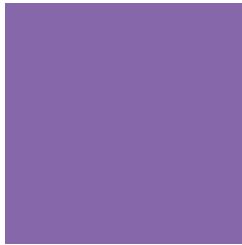
940052



14000B

Previews

White Background



This preview shows how the Hex color 8567AA 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 8567AA Background



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

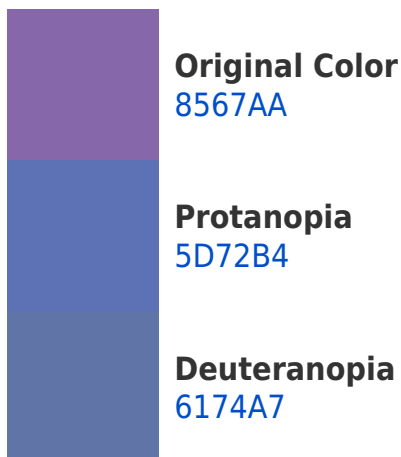


This preview shows how white text looks on a background with the Hex color 8567AA.

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](#).

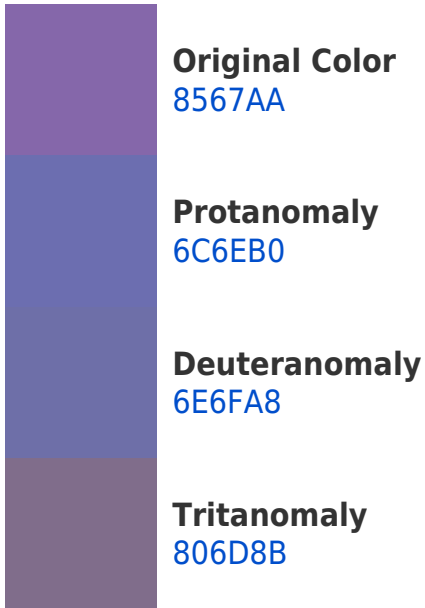
Dichromacy



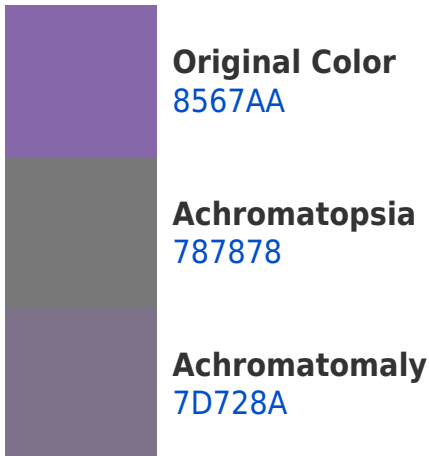


Tritanopia
7D717A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8567AA colored shadow looks like.

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

Border

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

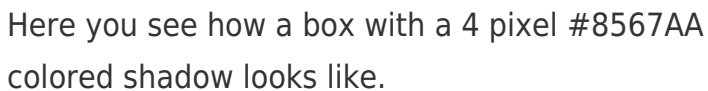
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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