

# Converting Colors

Hex(8487AC)

Have a look what the booklet for  
Hex(8487AC) contains.

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# Color

Hex(8487AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	8487AC
RGB	132, 135, 172
RGB Percent	52%, 53%, 67%
CMY	0.4824, 0.4706, 0.3255
CMYK	0.23, 0.22, 0.00, 0.33
HSL	236°, 19%, 60%
HSV	236°, 23%, 67%
XYZ	25.6261, 25.2120, 42.5455
YIQ	138.3210, -13.6650, 10.8710

# Conversions

## Conversions Part 2

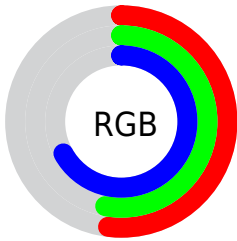
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 135, 172
Decimal	8685484
CIE <sub>Lab</sub>	57.28, 7.14, -19.87
CIE <sub>LCh</sub>	57, 21.114, 289.775
Yxy	25.2120, 0.2744, 0.2700
Android (android.graphics.Color)	4286875564 (0xFF8487AC)
YUV	138.3210, 16.6037, -5.5435
Hunter-Lab	50.2116, 3.2293, -15.0897

# Details

The Hex color **8487AC** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **ACA984**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BABCE3**, and **525578** is the 20% darker color. If you saturate the color by 10%, you get **7377AC**, and if you desaturate by 10%, it is **9597AC**.

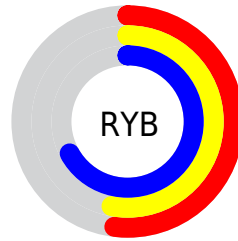
# Distribution



Red (52%)

Green (53%)

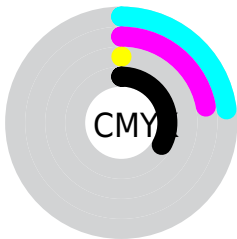
Blue (67%)



Red (52%)

Yellow (53%)

Blue (67%)

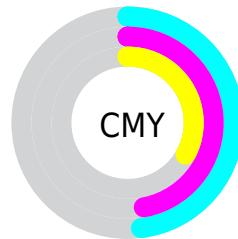


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (47%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8487AC 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 8487AC by changing the saturation by 10% instead.



■ 8487AC

■ 8487AC

FFFFFF

■ 6A6E91

■ BABCE3

■ 525578

■ D6D8FF

■ 3A3E5F

■ F2F4FF

■ 232947

■ 0C1430

■ 00011B

■ 000000

■ 8487AC

■ 8487AC

■ 7377AC

■ 9597AC

6267AC

A6A7AC

5057AC

B8B7AC

3F47AC

C9C7AC

2E37AC

DAD7AC

1D28AC

EBE6AC

0C18AC

FCF6AC

000DAC

FFFFAC

# Harmonies

## Analogous

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



6A8DAD



8487AC



9B81A1

# Triad

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



8487AC



AA806E



619482

# Complementary

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



8487AC



ACA984

# 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.



759171



8487AC



9D8666

# Square

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



8487AC



AF7D7E



8A8C67



559495

# Rectangle

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



8487AC



A67E97



8A8C67



68937C



# Sweetspot

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



8487AC



D1D2E0



84ACA9



676870



F0F0F0



707070



# Same Dimension

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



8487AC



A2A6E0



9584AC



4E4F57



000B96



000217



# Inverse Universe

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



AC8487



E0A2A6



9BAC84



574E4F



96000B



170002



# Previews

## White Background



This preview shows how the Hex color 8487AC looks on a white background.

## Color Contrast Check

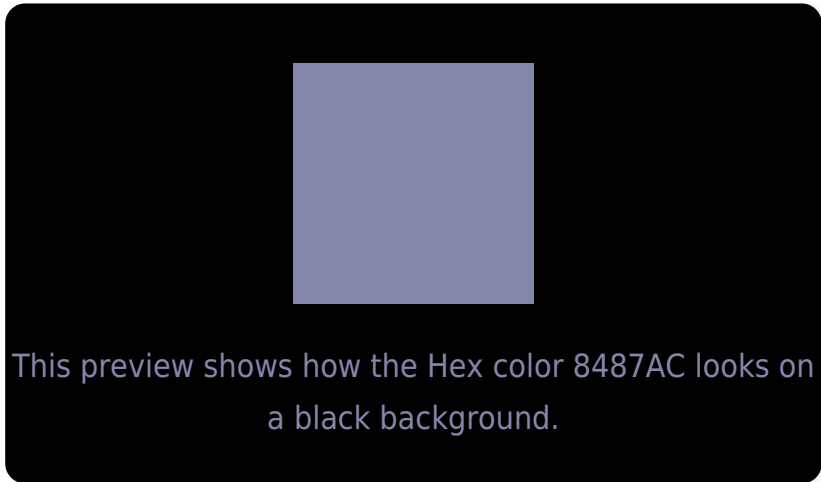
Large Text (above 18pt) WCAG AA ✓ Pass

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

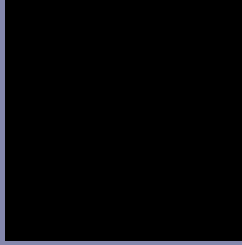
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8487AC Background



This preview shows how black text looks on a background with the Hex color 8487AC.



This preview shows how white text looks on a background with the Hex color 8487AC.

# 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**  
8487AC

**Protanopia**  
8088AD

**Deuteranopia**  
8587AC



**Tritanopia**  
808B96

# Trichromacy



**Original Color**  
8487AC

**Protanomaly**  
8188AD

**Deuteranomaly**  
8587AC

**Tritanomaly**  
818A9E

# Monochromacy



**Original Color**  
8487AC

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
888996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8487AC 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 #8487AC looks like.

```
.text, #text, p{  
    color:#8487AC  
}
```

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 #8487AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8487AC
}
```

## Border

The CSS property to change the border of an element to Hex 8487AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

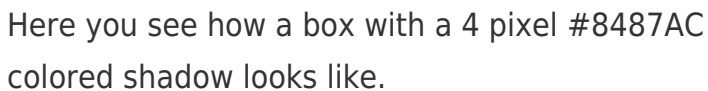
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8487AC }
```

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

```
.border{ border-color:#8487AC }
```

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



Here you see how a box with a 4 pixel #8487AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8487AC; -webkit-box-shadow:4px 4px  
4px 4px #8487AC; box-shadow:4px 4px 4px  
4px #8487AC }
```

# Background

The CSS property to change the background color of an element to Hex 8487AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8487AC }
```

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

```
.background{ background-color:#8487AC }
```

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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