

Converting Colors

Hex(8687B7)

Have a look what the booklet for
Hex(8687B7) contains.

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Color

Hex(8687B7)

Conversions

Conversions Part 1

Format	Color
Hex	8687B7
RGB	134, 135, 183
RGB Percent	53%, 53%, 72%
CMY	0.4745, 0.4706, 0.2824
CMYK	0.27, 0.26, 0.00, 0.28
HSL	239°, 25%, 62%
HSV	239°, 27%, 72%
XYZ	27.0427, 25.8152, 48.3573
YIQ	140.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

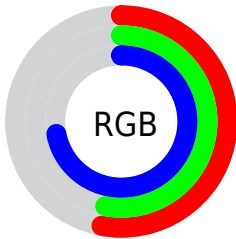
Format	Color
RYB	134, 135, 183
Decimal	8816567
CIELab	57.86, 10.49, -25.24
CIELCh	58, 27.337, 292.564
Yxy	25.8152, 0.2672, 0.2551
Android (android.graphics.Color)	4287006647 (0xFF8687B7)
YUV	140.1730, 21.1137, -5.4137
Hunter-Lab	50.8086, 6.0909, -20.8634

Details

The Hex color **8687B7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7B686**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BCBCEF**, and **535582** is the 20% darker color. If you saturate the color by 10%, you get **7475B7**, and if you desaturate by 10%, it is **9899B7**.

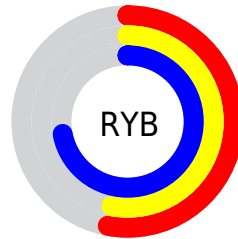
Distribution



Red (53%)

Green (53%)

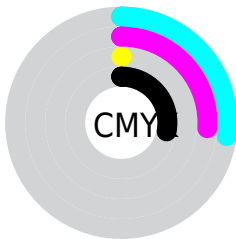
Blue (72%)



Red (53%)

Yellow (53%)

Blue (72%)

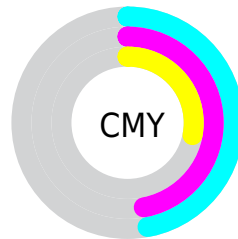


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8687B7 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 8687B7 by changing the saturation by 10% instead.

■ 8687B7

■ 8687B7

FFFFFF

■ 6C6E9C

■ BCBCEF

■ 535582

■ D8D8FF

■ 3B3E69

■ F5F4FF

■ 232950

■ 091539

■ 000123

■ 00000B

■ 000000

■ 8687B7

■ 8687B7

■ 7475B7

■ 9899B7

■ 6163B7

■ ABABB7

■ 4F51B7

■ BDBDB7

■ 3D3FB7

■ CFCFB7

■ 2B2DB7

■ E2E1B7

■ 181BB7

■ F4F3B7

■ 060AB7

■ FFFB7

■ 0004B7

Harmonies

Analogous

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



628FBA



8687B7



A47FA8

Triad

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



8687B7



B37F66



519884

Complementary

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



8687B7



B7B686

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.



6D956D



8687B7



A1875C

Square

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



8687B7



BB7A7A



898F5E



3D989C

Rectangle

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



8687B7



B17B9A



898F5E



5B977C

Sweetspot

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



8687B7



DADBED



86B7B5



6C6C78



F7F7F7



787878

Same Dimension

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



8687B7



A1A3ED



9D86B7



53535C



00039C



00011C

Inverse Universe

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



B78687



EDA1A3



A0B786



5C5353



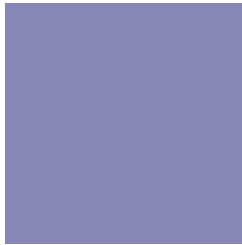
9C0003



1C0001

Previews

White Background



This preview shows how the Hex color 8687B7 looks on a white background.

Color Contrast Check

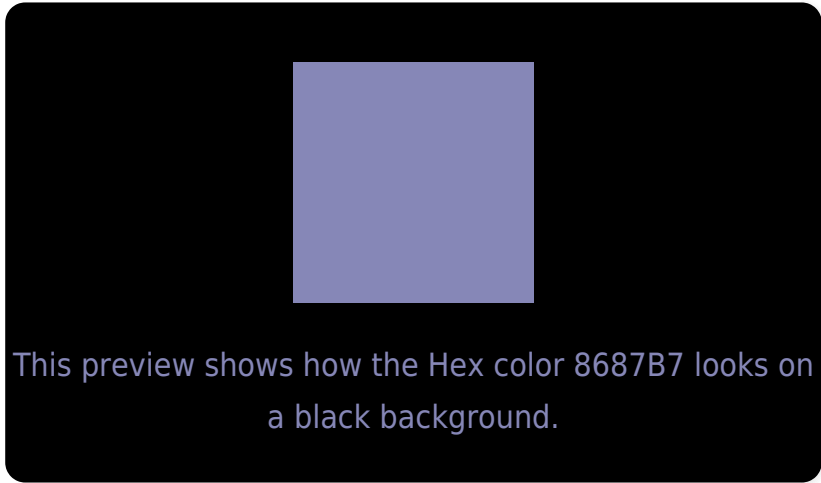
Large Text (above 18pt) WCAG AA ✓ Pass

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

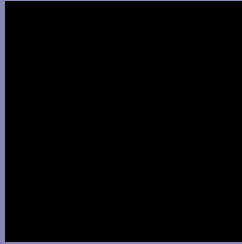
Any Text WCAG AA ✓ Pass

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 8687B7 Background



This preview shows how black text looks on a background with the Hex color 8687B7.



This preview shows how white text looks on a background with the Hex color 8687B7.

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
8687B7

Protanopia
7E89B9

Deuteranopia
8189B7



Tritanopia
808D98

Trichromacy



Original Color
8687B7

Protanomaly
8188B8

Deuteranomaly
8388B7

Tritanomaly
828BA3

Monochromacy



Original Color
8687B7

Achromatopsia
8C8C8C

Achromatomaly
8A8A9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8687B7 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 #8687B7 looks like.

```
.text, #text, p{  
    color:#8687B7  
}
```

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 #8687B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8687B7
}
```

Border

The CSS property to change the border of an element to Hex 8687B7 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
#8687B7 }
```

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

```
.border{ border-color:#8687B7 }
```

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

Here you see how a box with a 4 pixel #8687B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8687B7; -webkit-box-shadow:4px 4px  
4px 4px #8687B7; box-shadow:4px 4px 4px  
4px #8687B7 }
```

Background

The CSS property to change the background color of an element to Hex 8687B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8687B7 }
```

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

```
.background{ background-color:#8687B7 }
```

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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