

Converting Colors

Hex(8387C5)

Have a look what the booklet for
Hex(8387C5) contains.

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Color

Hex(8387C5)

Conversions

Conversions Part 1

Format	Color
Hex	8387C5
RGB	131, 135, 197
RGB Percent	51%, 53%, 77%
CMY	0.4863, 0.4706, 0.2275
CMYK	0.34, 0.31, 0.00, 0.23
HSL	236°, 36%, 64%
HSV	236°, 34%, 77%
XYZ	28.1021, 26.1845, 56.3963
YIQ	140.8720, -22.2860, 18.4340

Conversions

Conversions Part 2

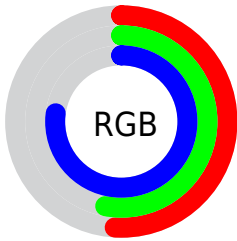
Format	Color
RYB	131, 135, 197
Decimal	8619973
CIELab	58.21, 13.22, -32.67
CIELCh	58, 35.240, 292.031
Yxy	26.1845, 0.2539, 0.2366
Android (android.graphics.Color)	4286810053 (0xFF8387C5)
YUV	140.8720, 27.6711, -8.6577
Hunter-Lab	51.1708, 8.4803, -29.5251

Details

The Hex color **8387C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5C183**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BABCFE**, and **4F558F** is the 20% darker color. If you saturate the color by 10%, you get **6F74C5**, and if you desaturate by 10%, it is **979AC5**.

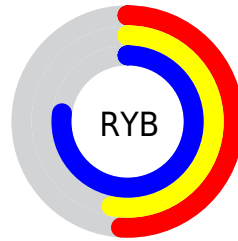
Distribution



Red (51%)

Green (53%)

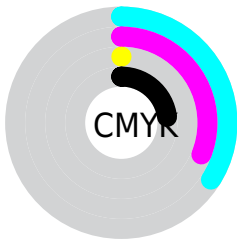
Blue (77%)



Red (51%)

Yellow (53%)

Blue (77%)

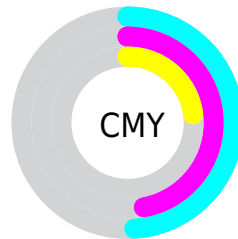


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (23%)



Cyan (49%)

Magenta (47%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8387C5 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 8387C5 by changing the saturation by 10% instead.

■ 8387C5

■ 8387C5

FFFFFF

■ 696EAA

■ BABCFE

■ 4F558F

■ D6D8FF

■ 353E75

■ F3F4FF

■ 1A295C

■ 001544

■ 00002E

■ 000118

■ 000000

■ 8387C5

■ 8387C5

6F74C5

979AC5

5C62C5

AAACC5

484FC5

BEBFC5

343DC5

D2D1C5

202AC5

E6E4C5

0D18C5

F9F6C5

000CC5

FFFFC5

Harmonies

Analogous

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



4D92C9



8387C5



AB7CB2

Triad

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



8387C5



BD7C5C



399C82

Complementary

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



8387C5



C5C183

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.



659865



8387C5



A7874E

Square

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



8387C5



C87576



899151



009CA2

Rectangle

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



8387C5



BC76A0



899151



499B78

Sweetspot

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



8387C5



E6E7FF



83C5C1



707180



000000



808080

Same Dimension

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



8387C5



999FFF



A083C5



5A5A63



000AA3



000224

Inverse Universe

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



C58387



FF999F



A8C583



635A5A



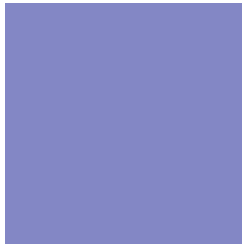
A3000A



240002

Previews

White Background



This preview shows how the Hex color 8387C5 looks on a white background.

Color Contrast Check

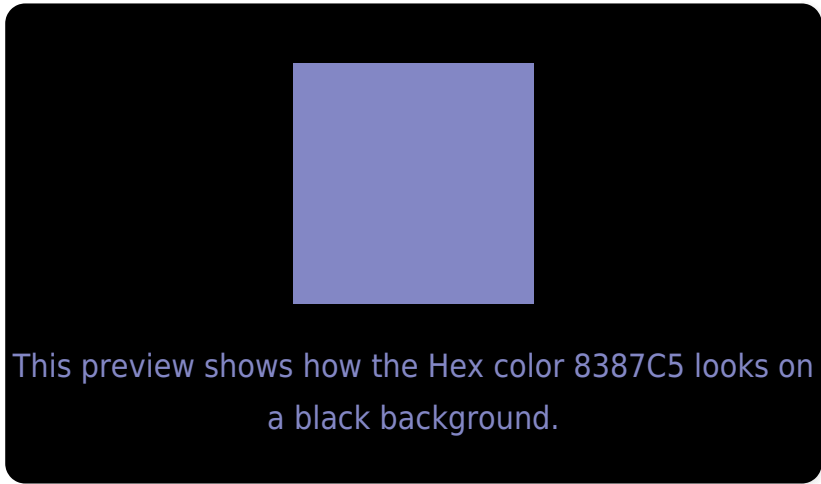
Large Text (above 18pt) WCAG AA ✓ Pass

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

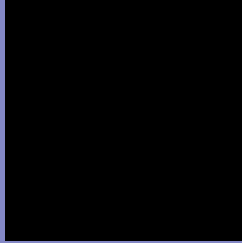
Any Text WCAG AA ✓ Pass

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 8387C5 Background



This preview shows how black text looks on a background with the Hex color 8387C5.



This preview shows how white text looks on a background with the Hex color 8387C5.

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
8387C5

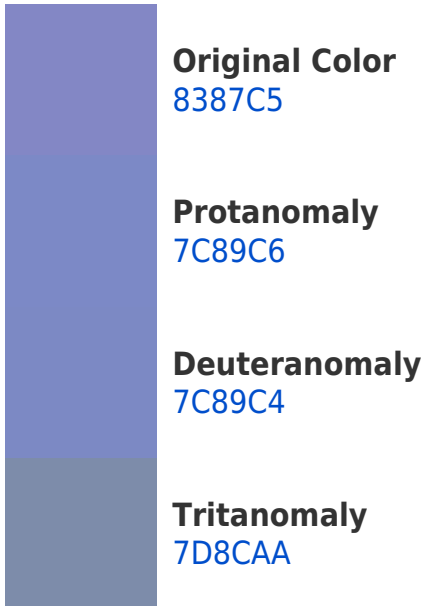
Protanopia
788AC7

Deuteranopia
788AC4

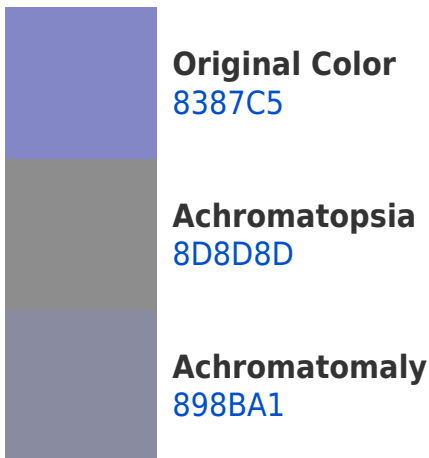


Tritanopia
7A8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8387C5 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 #8387C5 looks like.

```
.text, #text, p{  
    color:#8387C5  
}
```

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 #8387C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8387C5
}
```

Border

The CSS property to change the border of an element to Hex 8387C5 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
#8387C5 }
```

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

```
.border{ border-color:#8387C5 }
```

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

Here you see how a box with a 4 pixel #8387C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8387C5; -webkit-box-shadow:4px 4px  
4px 4px #8387C5; box-shadow:4px 4px 4px  
4px #8387C5 }
```

Background

The CSS property to change the background color of an element to Hex 8387C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8387C5 }
```

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

```
.background{ background-color:#8387C5 }
```

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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