

Converting Colors

Hex(8687CD)

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

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Color

Hex(8687CD)

Conversions

Conversions Part 1

Format	Color
Hex	8687CD
RGB	134, 135, 205
RGB Percent	53%, 53%, 80%
CMY	0.4745, 0.4706, 0.1961
CMYK	0.35, 0.34, 0.00, 0.20
HSL	239°, 42%, 66%
HSV	239°, 35%, 80%
XYZ	29.5149, 26.8041, 61.3757
YIQ	142.6810, -23.0660, 21.5580

Conversions

Conversions Part 2

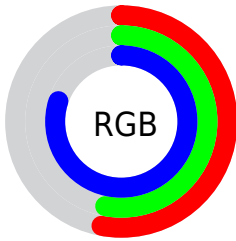
Format	Color
RYB	134, 135, 205
Decimal	8816589
CIELab	58.79, 16.21, -36.26
CIELCh	59, 39.716, 294.082
Yxy	26.8041, 0.2508, 0.2277
Android (android.graphics.Color)	4287006669 (0xFF8687CD)
YUV	142.6810, 30.7233, -7.6132
Hunter-Lab	51.7726, 11.1585, -34.0466

Details

The Hex color **8687CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDCC86**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BDBCFF**, and **515596** is the 20% darker color. If you saturate the color by 10%, you get **7273CD**, and if you desaturate by 10%, it is **9B9BCD**.

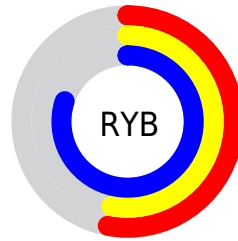
Distribution



Red (53%)

Green (53%)

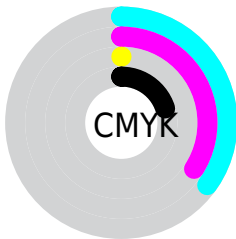
Blue (80%)



Red (53%)

Yellow (53%)

Blue (80%)

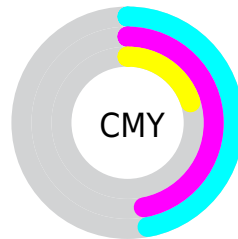


Cyan (35%)

Magenta (34%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (47%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 8687CD

■ 8687CD

FFFFFF

■ 6B6EB1

■ BDBCFF

■ 515596

■ DAD8FF

■ 373E7C

■ F7F4FF

■ 1B2963

■ 00154B

■ 000034

■ 00021E

■ 000000

■ 8687CD

■ 8687CD

 7273CD

 9B9BCD

 5D5FCD

 AFAFCD

 494ACD

 C3C4CD

 3436CD

 D8D8CD

 2022CD

 EDECCD

 0B0ECD

 FFFCD

 0003CD

Harmonies

Analogous

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



4493D2



8687CD



B27AB7

Triad

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



8687CD



C37D56



1F9F85

Complementary

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



8687CD



CDCC86

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.



5D9B63



8687CD



A98947

Square

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



8687CD



D07373



87944C



009FA9

Rectangle

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



8687CD



C573A1



87944C



3A9E79

Sweetspot

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



8687CD



E6E6FF



86CDCC



707080



000000



808080

Same Dimension

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



8687CD



9495FF



A886CD



5C5C66



0002A6



000126

Inverse Universe

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



CD8687



FF9495



ABCD86



665C5C



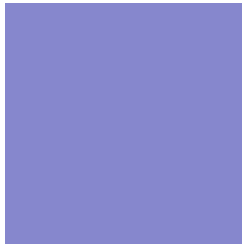
A60002



260001

Previews

White Background



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

Color Contrast Check

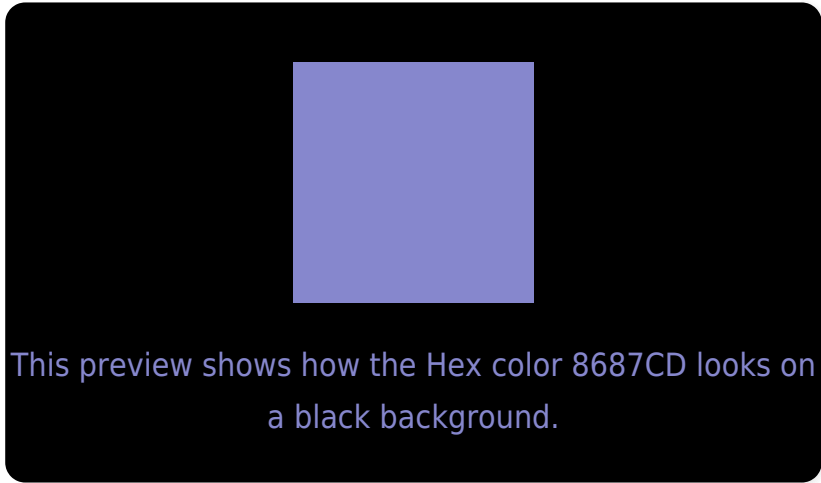
Large Text (above 18pt) WCAG AA ✓ Pass

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

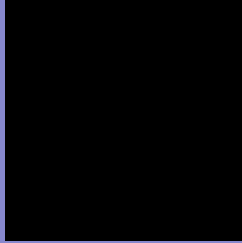
Any Text WCAG AA ✓ Pass

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 8687CD Background



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



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

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](#).

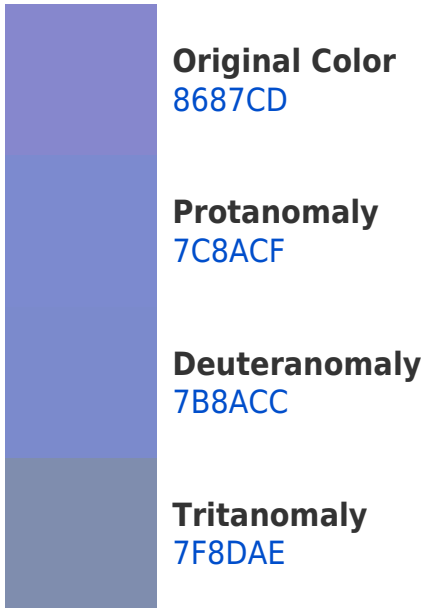
Dichromacy



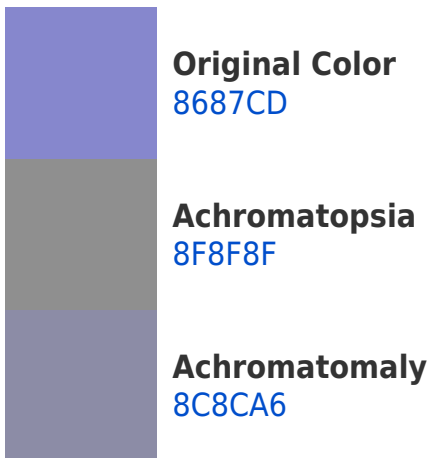


Tritanopia
7B919C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8687CD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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