

Converting Colors

Hex(8585D9)

Have a look what the booklet for
Hex(8585D9) contains.

Hex(8585D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8585D9)

Conversions

Conversions Part 1

Format	Color
Hex	8585D9
RGB	133, 133, 217
RGB Percent	52%, 52%, 85%
CMY	0.4784, 0.4784, 0.1490
CMYK	0.39, 0.39, 0.00, 0.15
HSL	240°, 52%, 69%
HSV	240°, 39%, 85%
XYZ	30.5848, 26.7714, 69.2010
YIQ	142.5760, -26.9640, 26.1240

Conversions

Conversions Part 2

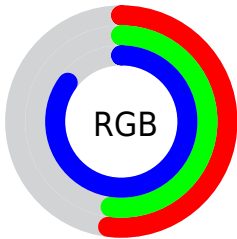
Format	Color
R _Y B	133, 133, 217
Decimal	8750553
CIE Lab	58.76, 20.38, -43.05
CIE LCh	59, 47.634, 295.330
Yxy	26.7714, 0.2417, 0.2115
Android (android.graphics.Color)	4286940633 (0xFF8585D9)
YUV	142.5760, 36.6910, -8.3982
Hunter-Lab	51.7410, 14.9668, -43.0787

Details

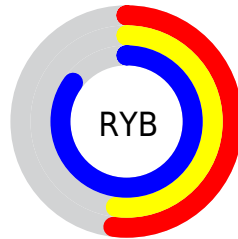
The Hex color **8585D9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D9D985**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BDBAFF**, and **4F54A2** is the 20% darker color. If you saturate the color by 10%, you get **6F6FD9**, and if you desaturate by 10%, it is **9B9BD9**.

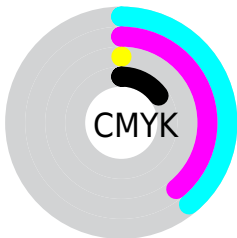
Distribution



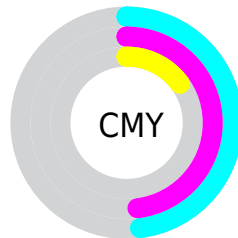
- Red (52%)
- Green (52%)
- Blue (85%)



- Red (52%)
- Yellow (52%)
- Blue (85%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8585D9 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 8585D9 by changing the saturation by 10% instead.

8585D9

8585D9

FFFFFF

6A6CBD

BDBAFF

4F54A2

DAD6FF

333D87

F7F2FF

12276D

001354

00003D

000326

00010F

000000

 8585D9

 8585D9

 6F6FD9

 9B9BD9

 5A5AD9

 B0B0D9

 4444D9

 C6C6D9

 2E2ED9

 DCDCD9

 1919D9

 F2F2D9

 0303D9

 FFFFD9

 0000D9

Harmonies

Analogous

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



1C94E0



8585D9



BB74BD

Triad

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



8585D9



CA7949



00A285

Complementary

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



8585D9



D9D985

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.



4E9E5C



8585D9



AB8937

Square

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



8585D9



DA6C6C



82963E



00A2B0

Rectangle

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



8585D9



D06CA4



82963E



00A177

Sweetspot

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



8585D9



E0E0FF



85D9D9



6E6E80



000000



808080

Same Dimension

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



8585D9



8A8AFF



AF85D9



63636E



0000AD



00002E

Inverse Universe

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



D985D9



FF8AFF



AFD985



6E636E



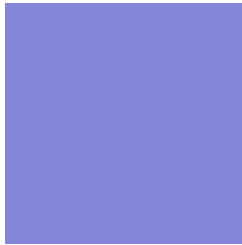
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 8585D9 looks on a white background.

Color Contrast Check

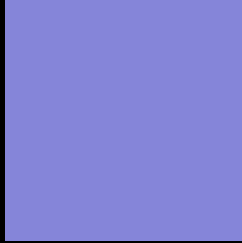
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8585D9 looks on a 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 8585D9 Background



This preview shows how black text looks on a background with the Hex color 8585D9.



This preview shows how white text looks on a background with the Hex color 8585D9.

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](#).

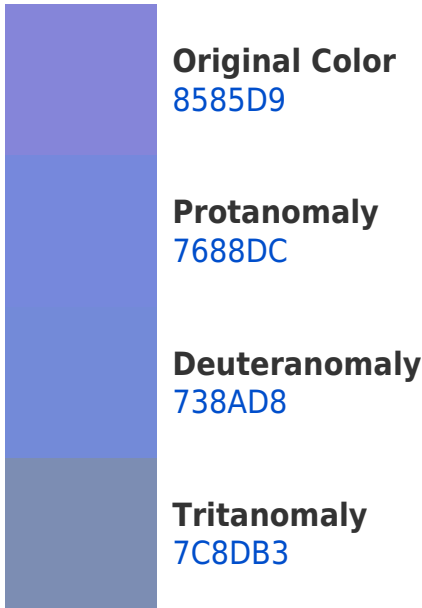
Dichromacy



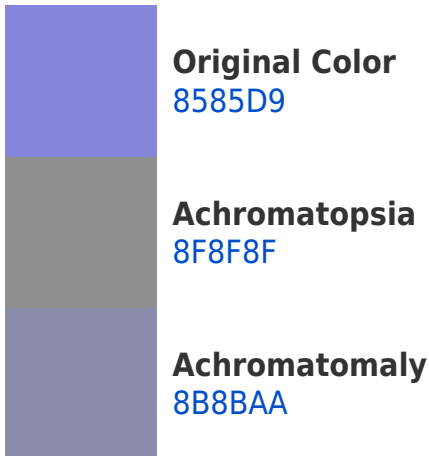


Tritanopia
77929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8585D9 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 #8585D9 looks like.

```
.text, #text, p{  
    color:#8585D9  
}
```

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 #8585D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8585D9
}
```

Border

The CSS property to change the border of an element to Hex 8585D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

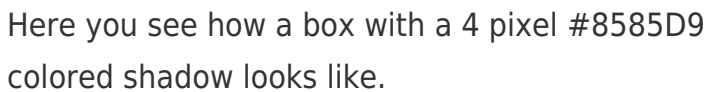
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8585D9 }
```

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

```
.border{ border-color:#8585D9 }
```

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



Here you see how a box with a 4 pixel #8585D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8585D9; -webkit-box-shadow:4px 4px  
4px 4px #8585D9; box-shadow:4px 4px 4px  
4px #8585D9 }
```

Background

The CSS property to change the background color of an element to Hex 8585D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8585D9 }
```

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

```
.background{ background-color:#8585D9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor