

# Converting Colors

Hex(8585AD)

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

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# Color

**Hex(8585AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8585AD
RGB	133, 133, 173
RGB Percent	52%, 52%, 68%
CMY	0.4784, 0.4784, 0.3216
CMYK	0.23, 0.23, 0.00, 0.32
HSL	240°, 20%, 60%
HSV	240°, 23%, 68%
XYZ	25.6032, 24.7787, 42.9685
YIQ	137.5600, -12.8400, 12.4400

# Conversions

## Conversions Part 2

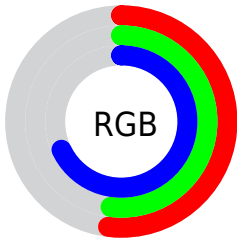
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 133, 173
Decimal	8750509
CIE <sub>Lab</sub>	56.86, 8.87, -21.08
CIE <sub>LCh</sub>	57, 22.869, 292.814
Yxy	24.7787, 0.2743, 0.2654
Android (android.graphics.Color)	4286940589 (0xFF8585AD)
YUV	137.5600, 17.4719, -3.9991
Hunter-Lab	49.7782, 4.6988, -16.3343

# Details

The Hex color **8585AD** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **ADAD85**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BBBAE5**, and **535479** is the 20% darker color. If you saturate the color by 10%, you get **7474AD**, and if you desaturate by 10%, it is **9696AD**.

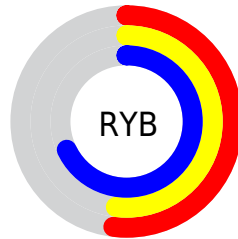
# Distribution



Red (52%)

Green (52%)

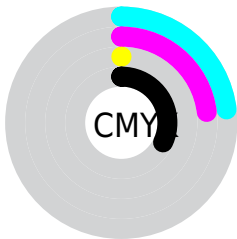
Blue (68%)



Red (52%)

Yellow (52%)

Blue (68%)

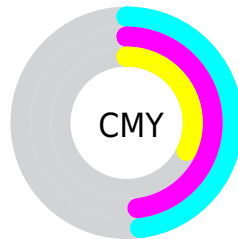


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (48%)

Yellow (32%)

# Brightness & Saturation Gradients

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



■ 8585AD

■ 8585AD

FFFFFF

■ 6B6C92

■ BBBAE5

■ 535479

■ D7D6FF

■ 3B3D60

■ F3F2FF

■ 232748

■ 0C1331

■ 00021C

■ 000000

■ 8585AD

■ 8585AD

■ 7474AD

■ 9696AD

6262AD

A8A8AD

5151AD

B9B9AD

4040AD

CACAAAD

2F2FAD

DCDCAD

1D1DAD

EDEDAD

0C0CAD

FEFEAD

0000AD

FFFFAD

# Harmonies

## Analogous

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



698CB0



8585AD



9D7EA1

# Triad

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



8585AD



AA7F69



5A9383

# Complementary

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



8585AD



ADAD85

# 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.



709170



8585AD



9B8661

# Square

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



8585AD



B17B7A



878C63



4D9397

# Rectangle

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



8585AD



A97B95



878C63



61937C



# Sweetspot

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



8585AD



D1D1E0



85ADAD



676770



F0F0F0



707070



# Same Dimension

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



8585AD



A2A2E0



9985AD



4E4E57



000096



000017



# Inverse Universe

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



AD85AD



E0A2E0



99AD85



574E57



960096

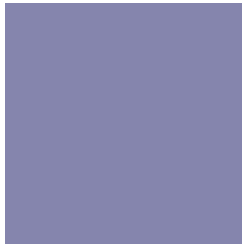


170017



# Previews

## White Background



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

## Color Contrast Check

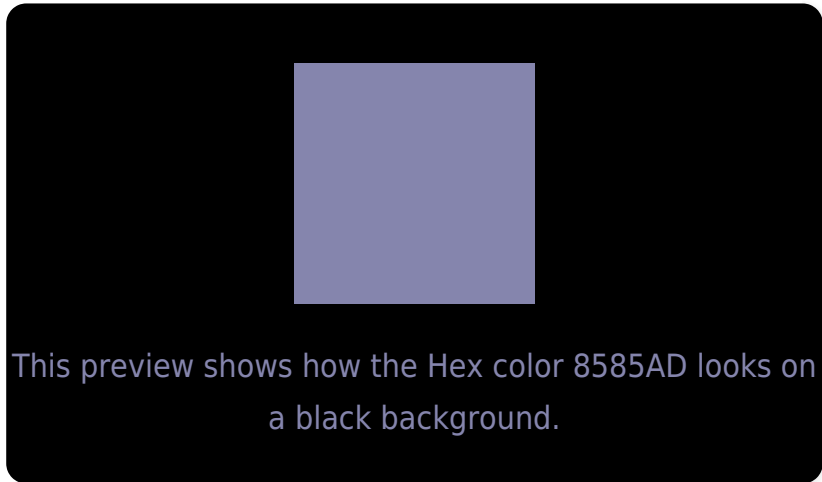
Large Text (above 18pt) WCAG AA ✓ Pass

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

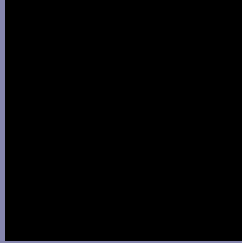
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8585AD Background



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



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

# 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**  
8585AD

**Protanopia**  
7E87AE

**Deuteranopia**  
8386AD



**Tritanopia**  
808994

# Trichromacy



**Original Color**  
8585AD

**Protanomaly**  
8186AE

**Deuteranomaly**  
8486AD

**Tritanomaly**  
82889D

# Monochromacy



**Original Color**  
8585AD

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
888897

# CSS Examples

## Text

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

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

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 #8585AD colored shadow looks like.

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

## Border

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

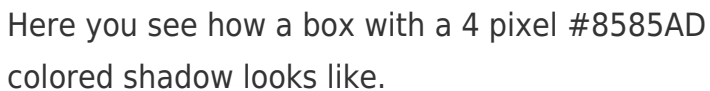
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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