

# Converting Colors

Hex(8185AF)

Have a look what the booklet for  
Hex(8185AF) contains.

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# Color

**Hex(8185AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8185AF
RGB	129, 133, 175
RGB Percent	51%, 52%, 69%
CMY	0.4941, 0.4784, 0.3137
CMYK	0.26, 0.24, 0.00, 0.31
HSL	235°, 22%, 60%
HSV	235°, 26%, 69%
XYZ	25.1787, 24.5373, 43.9666
YIQ	136.5920, -15.8660, 12.2140

# Conversions

## Conversions Part 2

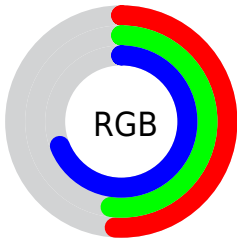
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 133, 175
Decimal	8488367
CIE <sub>Lab</sub>	56.62, 8.10, -22.62
CIE <sub>LCh</sub>	57, 24.021, 289.695
Yxy	24.5373, 0.2688, 0.2619
Android (android.graphics.Color)	4286678447 (0xFF8185AF)
YUV	136.5920, 18.9351, -6.6582
Hunter-Lab	49.5352, 4.0447, -17.9502

# Details

The Hex color **8185AF** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AFAB81**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B7BAE7**, and **4E547A** is the 20% darker color. If you saturate the color by 10%, you get **6F75AF**, and if you desaturate by 10%, it is **9395AF**.

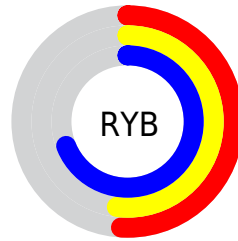
# Distribution



Red (51%)

Green (52%)

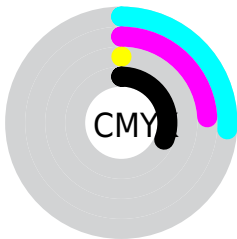
Blue (69%)



Red (51%)

Yellow (52%)

Blue (69%)

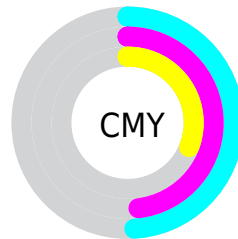


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (48%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8185AF 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 8185AF by changing the saturation by 10% instead.



8185AF

8185AF

FFFFFF

676C94

B7BAE7

4E547A

D3D6FF

363D61

EFF2FF

1F2749

061333

00021D

000000

8185AF

8185AF

6F75AF

9395AF

■ 5E65AF

■ A4A5AF

■ 4C55AF

■ B6B5AF

■ 3B45AF

■ C7C5AF

■ 2935AF

■ D9D5AF

■ 1825AF

■ EAE5AF

■ 0615AF

■ FBF5AF

■ 000FAF

■ FFFFAF

# Harmonies

## Analogous

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



638CB0



8185AF



9B7EA3

# Triad

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



8185AF



AC7D69



599380

# Complementary

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



8185AF



AFAB81

# 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.



71906C



8185AF



9D845F

# Square

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



8185AF



B2797B



888B60



489395

# Rectangle

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



8185AF



A87A97



888B60



619279



# Sweetspot

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



8185AF



D1D2E3



81AFAA



676873



F2F2F2



737373



# Same Dimension

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



8185AF



9AA1E3



9381AF



4E4F57



000D96



000217



# Inverse Universe

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



AF8185



E39AA1



9DAF81



574E4F



96000D

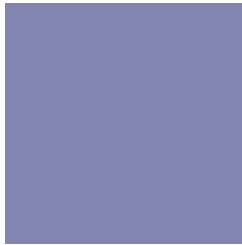


170002



# Previews

## White Background



This preview shows how the Hex color 8185AF looks on a white background.

## Color Contrast Check

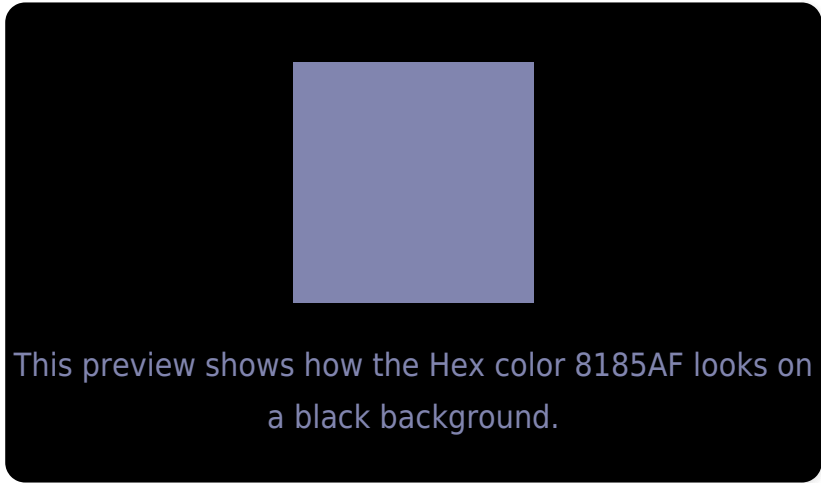
Large Text (above 18pt) WCAG AA ✓ Pass

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

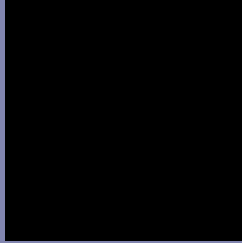
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8185AF Background



This preview shows how black text looks on a background with the Hex color 8185AF.



This preview shows how white text looks on a background with the Hex color 8185AF.

# 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](#).

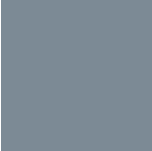
## Dichromacy



**Original Color**  
8185AF

**Protanopia**  
7D86B0

**Deuteranopia**  
8085AF



**Tritanopia**  
7C8A95

# Trichromacy



**Original Color**  
8185AF

**Protanomaly**  
7E86B0

**Deuteranomaly**  
8085AF

**Tritanomaly**  
7E889E

# Monochromacy



**Original Color**  
8185AF

**Achromatopsia**  
898989

**Achromatomaly**  
868897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8185AF 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 #8185AF looks like.

```
.text, #text, p{  
    color:#8185AF  
}
```

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 #8185AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8185AF
}
```

## Border

The CSS property to change the border of an element to Hex 8185AF 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
#8185AF }
```

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

```
.border{ border-color:#8185AF }
```

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

Here you see how a box with a 4 pixel #8185AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8185AF; -webkit-box-shadow:4px 4px  
4px 4px #8185AF; box-shadow:4px 4px 4px  
4px #8185AF }
```

# Background

The CSS property to change the background color of an element to Hex 8185AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8185AF }
```

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

```
.background{ background-color:#8185AF }
```

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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