

# Converting Colors

Hex(8183AE)

Have a look what the booklet for  
Hex(8183AE) contains.

<b>Hex(8183AE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8183AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8183AE
RGB	129, 131, 174
RGB Percent	51%, 51%, 68%
CMY	0.4941, 0.4863, 0.3176
CMYK	0.26, 0.25, 0.00, 0.32
HSL	237°, 22%, 59%
HSV	237°, 26%, 68%
XYZ	24.8095, 23.9557, 43.3607
YIQ	135.3040, -14.9950, 12.9490

# Conversions

## Conversions Part 2

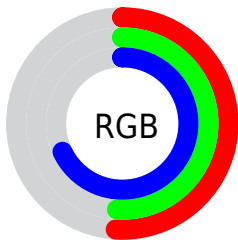
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 131, 174
Decimal	8487854
CIE Lab	56.04, 9.01, -22.93
CIE LCh	56, 24.638, 291.454
Yxy	23.9557, 0.2693, 0.2600
Android (android.graphics.Color)	4286677934 (0xFF8183AE)
YUV	135.3040, 19.0771, -5.5286
Hunter-Lab	48.9446, 4.8269, -18.2647

# Details

The Hex color **8183AE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AEAC81**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B7B8E6**, and **4F5279** is the 20% darker color. If you saturate the color by 10%, you get **7072AE**, and if you desaturate by 10%, it is **9294AE**.

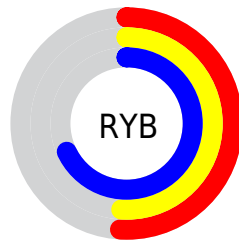
# Distribution



Red (51%)

Green (51%)

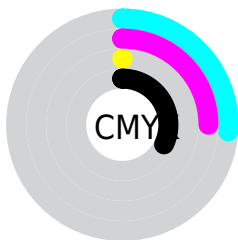
Blue (68%)



Red (51%)

Yellow (51%)

Blue (68%)

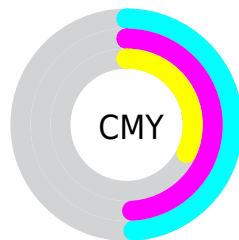


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (49%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8183AE 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 8183AE by changing the saturation by 10% instead.



■ 8183AE

■ 8183AE

FFFFFF

■ 676A93

■ B7B8E6

■ 4F5279

■ D3D4FF

■ 363B60

■ EFF0FF

■ 1F2549

■ 071132

■ 00021D

■ 000000

■ 8183AE

■ 8183AE

■ 7072AE

■ 9294AE

■ 5E62AE

■ A4A4AE

■ 4D51AE

■ B5B5AE

■ 3B40AE

■ C7C6AE

■ 2A30AE

■ D8D6AE

■ 191FAE

■ E9E7AE

■ 070FAE

■ FBF7AE

■ 0008AE

■ FFFF AE

# Harmonies

## Analogous

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



628AB0



8183AE



9C7CA1

# Triad

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



8183AE



AB7C66



55927F

# Complementary

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



8183AE



AEAC81

# 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.



6D8F6B



8183AE



9B835C

# Square

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



8183AE



B17778



868A5E



449295

# Rectangle

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



8183AE



A87894



868A5E



5D9178



# Sweetspot

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



8183AE



D1D2E3



81AEAC



676873



F2F2F2



737373



# Same Dimension

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



8183AE



9DA0E3



9581AE



4E4E57



000796



000117



# Inverse Universe

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



AE8183



E39DA0



9AAE81



574E4E



960007

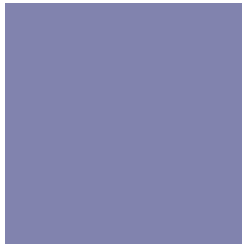


170001



# Previews

## White Background



This preview shows how the Hex color 8183AE looks on a white background.

## Color Contrast Check

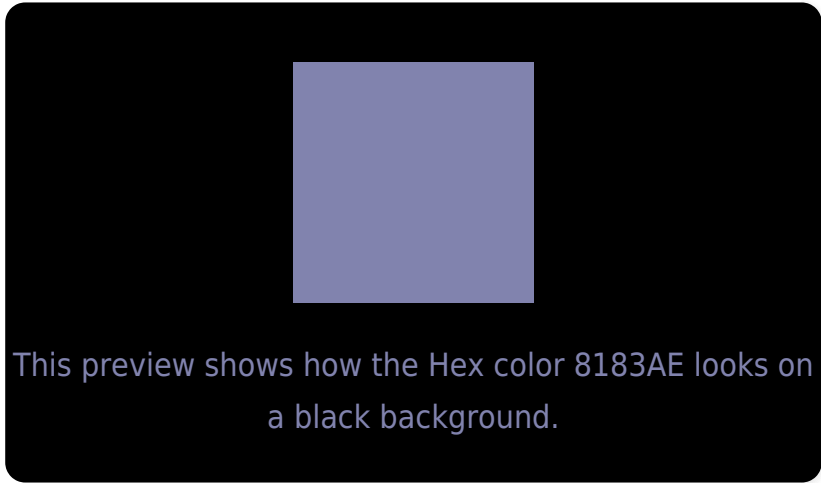
Large Text (above 18pt) WCAG AA ✓ Pass

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

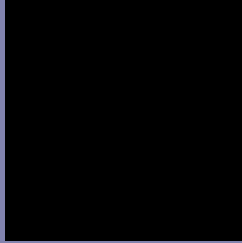
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8183AE Background



This preview shows how black text looks on a background with the Hex color 8183AE.



This preview shows how white text looks on a background with the Hex color 8183AE.

# 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](#).

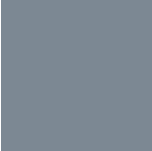
## Dichromacy



**Original Color**  
8183AE

**Protanopia**  
7B85AF

**Deuteranopia**  
7E84AE



**Tritanopia**  
7C8893

# Trichromacy



**Original Color**  
8183AE

**Protanomaly**  
7D84AF

**Deuteranomaly**  
7F84AE

**Tritanomaly**  
7E869D

# Monochromacy



**Original Color**  
8183AE

**Achromatopsia**  
878787

**Achromatomaly**  
858695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8183AE 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 #8183AE looks like.

```
.text, #text, p{  
    color:#8183AE  
}
```

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 #8183AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8183AE
}
```

## Border

The CSS property to change the border of an element to Hex 8183AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

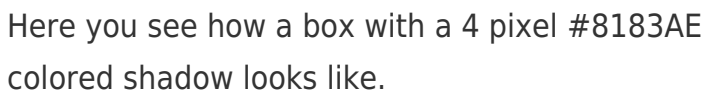
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8183AE }
```

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

```
.border{ border-color:#8183AE }
```

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



Here you see how a box with a 4 pixel #8183AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8183AE; -webkit-box-shadow:4px 4px  
4px 4px #8183AE; box-shadow:4px 4px 4px  
4px #8183AE }
```

# Background

The CSS property to change the background color of an element to Hex 8183AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8183AE }
```

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

```
.background{ background-color:#8183AE }
```

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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