

# Converting Colors

Hex(8583B9)

Have a look what the booklet for  
Hex(8583B9) contains.

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# **Color**

**Hex(8583B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8583B9
RGB	133, 131, 185
RGB Percent	52%, 51%, 73%
CMY	0.4784, 0.4863, 0.2745
CMYK	0.28, 0.29, 0.00, 0.27
HSL	242°, 28%, 62%
HSV	242°, 29%, 73%
XYZ	26.5461, 24.7219, 49.2716
YIQ	137.7540, -16.1420, 17.2180

# Conversions

## Conversions Part 2

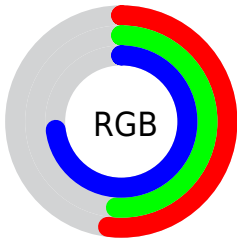
Format	Color
<a href="#">RYB</a>	<a href="#">133, 131, 185</a>
Decimal	<a href="#">8750009</a>
CIELab	<a href="#">56.80, 13.02, -28.02</a>
CIELCh	<a href="#">57, 30.903, 294.926</a>
Yxy	<a href="#">24.7219, 0.2640, 0.2459</a>
Android (android.graphics.Color)	<a href="#">4286940089 (0xFF8583B9)</a>
YUV	<a href="#">137.7540, 23.2923, -4.1693</a>
Hunter-Lab	<a href="#">49.7211, 8.2891, -23.9492</a>

# Details

The Hex color **8583B9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7B983**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BBB8F1**, and **525284** is the 20% darker color. If you saturate the color by 10%, you get **7371B9**, and if you desaturate by 10%, it is **9795B9**.

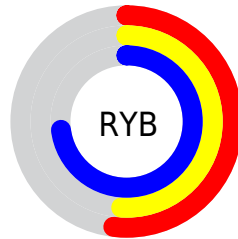
# Distribution



Red (52%)

Green (51%)

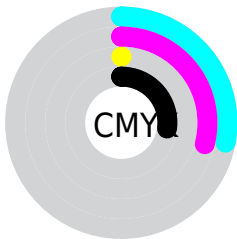
Blue (73%)



Red (52%)

Yellow (51%)

Blue (73%)

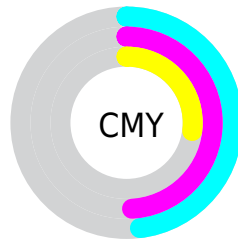


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (49%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8583B9 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 8583B9 by changing the saturation by 10% instead.



■ 8583B9

■ 8583B9

FFFFFF

■ 6B6A9E

■ BBB8F1

■ 525284

■ D7D4FF

■ 393B6A

■ F4F0FF

■ 212552

■ 06113A

■ 000225

■ 00010D


■ 000000

■ 8583B9

■ 8583B9

 7371B9

 9795B9

 615EB9

 A9A8B9

 504BB9

 BABBB9

 3E39B9

 CCCDB9

 2C27B9

 DEDFB9

 1A14B9

 F0F2B9

 0801B9

 FFFFB9

 0700B9

# Harmonies

## Analogous

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



5A8CBD



8583B9



A67AA8

# Triad

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



8583B9



B37C5D



419683

# Complementary

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



8583B9



B7B983

# 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.



649368



8583B9



9E8552

# Square

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



8583B9



BD7573



838E57



20969E

# Rectangle

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



8583B9



B47597



838E57



4D9679



# Sweetspot

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



8583B9



DBDAF0



83B7B9



6B6B78



F7F7F7



787878



# Same Dimension

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



8583B9



9F9CF0



A083B9



53535C



06009C



01001C



# Inverse Universe

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



B983B7



F09CED



9CB983



5C535B



9C0096



1C001B



# Previews

## White Background



This preview shows how the Hex color 8583B9 looks on a white background.

## Color Contrast Check

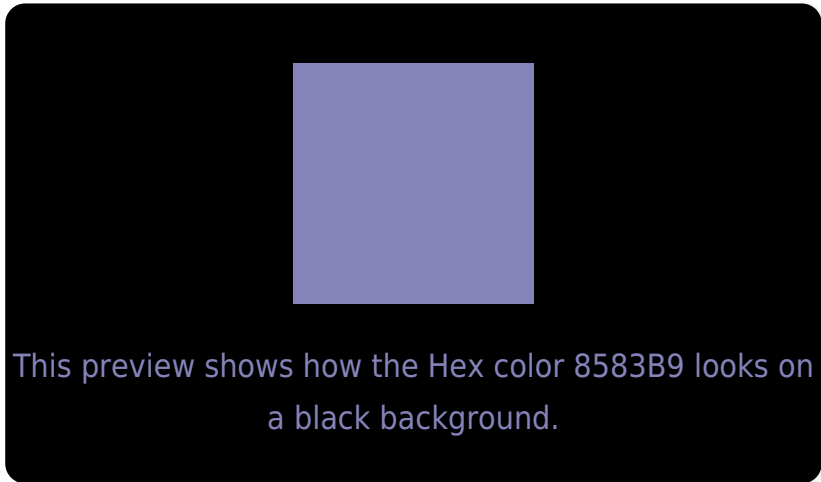
Large Text (above 18pt) WCAG AA ✓ Pass

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

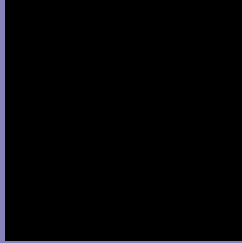
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8583B9 Background



This preview shows how black text looks on a background with the Hex color 8583B9.



This preview shows how white text looks on a background with the Hex color 8583B9.

# 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**  
8583B9

**Protanopia**  
7886BC

**Deuteranopia**  
7A86B8



**Tritanopia**  
7E8A95

# Trichromacy



**Original Color**  
8583B9

**Protanomaly**  
7D85BB

**Deuteranomaly**  
7E85B8

**Tritanomaly**  
8187A2

# Monochromacy



**Original Color**  
8583B9

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
88879B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8583B9 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 #8583B9 looks like.

```
.text, #text, p{  
    color:#8583B9  
}
```

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 #8583B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8583B9
}
```

## Border

The CSS property to change the border of an element to Hex 8583B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

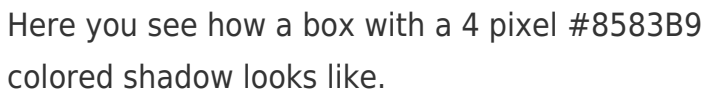
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8583B9 }
```

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

```
.border{ border-color:#8583B9 }
```

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



Here you see how a box with a 4 pixel #8583B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8583B9; -webkit-box-shadow:4px 4px  
4px 4px #8583B9; box-shadow:4px 4px 4px  
4px #8583B9 }
```

# Background

The CSS property to change the background color of an element to Hex 8583B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8583B9 }
```

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

```
.background{ background-color:#8583B9 }
```

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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