

Converting Colors

Hex(8583BB)

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

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Color

Hex(8583BB)

Conversions

Conversions Part 1

Format	Color
Hex	8583BB
RGB	133, 131, 187
RGB Percent	52%, 51%, 73%
CMY	0.4784, 0.4863, 0.2667
CMYK	0.29, 0.30, 0.00, 0.27
HSL	242°, 29%, 62%
HSV	242°, 30%, 73%
XYZ	26.7588, 24.8070, 50.3916
YIQ	137.9820, -16.7840, 17.8400

Conversions

Conversions Part 2

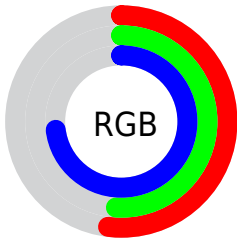
Format	Color
R_{YB}	133, 131, 187
Decimal	8750011
CIE _{Lab}	56.89, 13.53, -29.03
CIE _{LCh}	57, 32.035, 294.993
Yxy	24.8070, 0.2625, 0.2433
Android (android.graphics.Color)	4286940091 (0xFF8583BB)
YUV	137.9820, 24.1659, -4.3692
Hunter-Lab	49.8066, 8.7382, -25.1217

Details

The Hex color **8583BB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9BB83**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BBB8F3**, and **525286** is the 20% darker color. If you saturate the color by 10%, you get **7370BB**, and if you desaturate by 10%, it is **9796BB**.

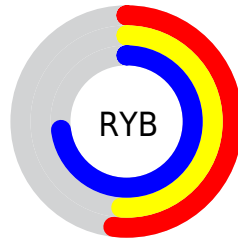
Distribution



Red (52%)

Green (51%)

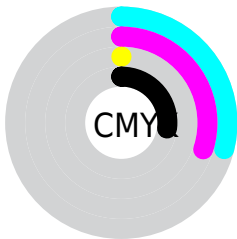
Blue (73%)



Red (52%)

Yellow (51%)

Blue (73%)

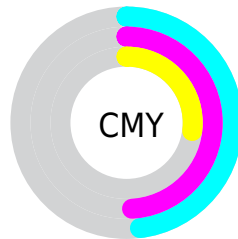


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 8583BB

■ 8583BB

FFFFFF

■ 6B6AA0

■ BBB8F3

■ 525286

■ D7D4FF

■ 393B6C

■ F4F0FF

■ 202554

■ 04113C

■ 000226

■ 00010F

■ 000000

■ 8583BB

■ 8583BB

 7370BB

 9796BB

 615EBB

 A9A8BB

 4F4BBB

 BBBBBB

 3D38BB

 CDCEBB

 2B25BB

 DFE0BB

 1913BB

 F1F3BB

 0700BB

 FFFFBB

Harmonies

Analogous

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



588DC0



8583BB



A779A9

Triad

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



8583BB



B47C5C



3D9783

Complementary

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



8583BB



B9BB83

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.



629468



8583BB



9F8551

Square

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



8583BB



BF7472



838E55



14979F

Rectangle

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



8583BB



B67498



838E55



4A9679

Sweetspot

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



8583BB



DDDCF2



83B9BB



6D6D7A



FAFAFA



7A7A7A

Same Dimension

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



8583BB



9E9BF2



A183BB



55555E



06009E



01001F

Inverse Universe

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



BB83B9



F29BEF



9DBB83



5E555E



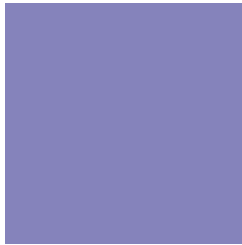
9E0098



1F001E

Previews

White Background



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

Color Contrast Check

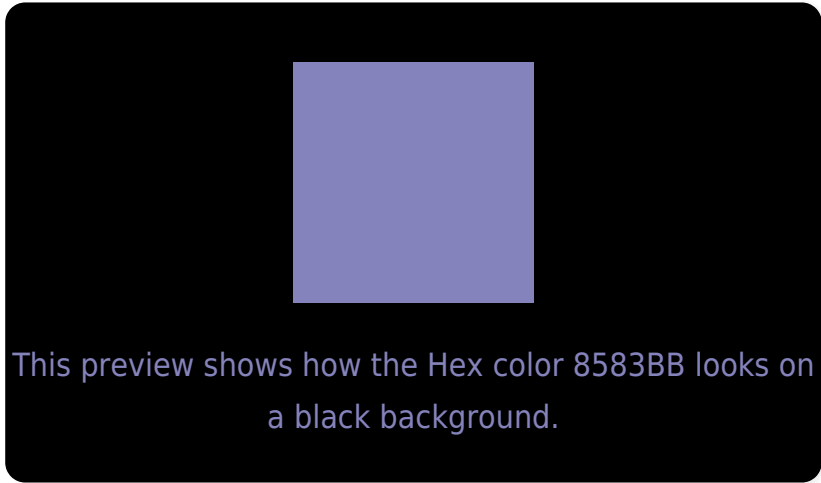
Large Text (above 18pt) WCAG AA ✓ Pass

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 8583BB Background



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



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

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](#).

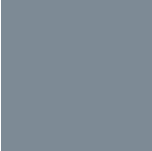
Dichromacy



Original Color
8583BB

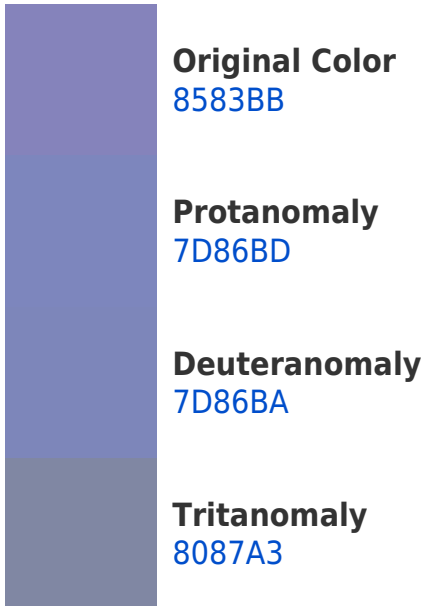
Protanopia
7887BE

Deuteranopia
7987BA

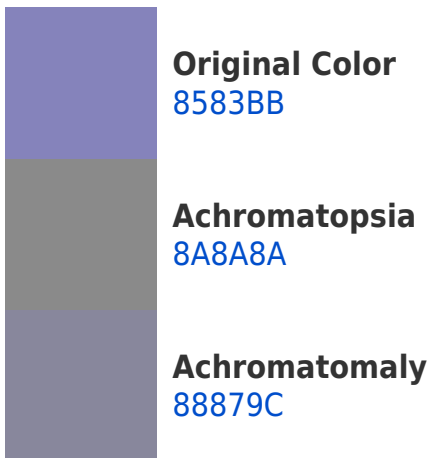


Tritanopia
7D8A95

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8583BB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 8583BB 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
#8583BB }
```

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

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

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

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

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

Background

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

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

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

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

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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