

Converting Colors

Hex(8697BE)

Have a look what the booklet for
Hex(8697BE) contains.

Hex(8697BE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8697BE)

Conversions

Conversions Part 1

Format	Color
Hex	8697BE
RGB	134, 151, 190
RGB Percent	53%, 59%, 75%
CMY	0.4745, 0.4078, 0.2549
CMYK	0.29, 0.21, 0.00, 0.25
HSL	222°, 30%, 64%
HSV	222°, 29%, 75%
XYZ	30.1924, 30.9193, 53.0919
YIQ	150.3630, -22.6510, 8.5250

Conversions

Conversions Part 2

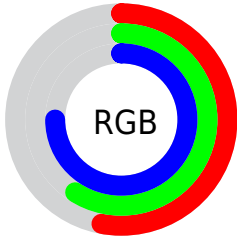
Format	Color
RYB	134, 147, 190
Decimal	8820670
CIELab	62.44, 3.06, -22.18
CIELCh	62, 22.387, 277.850
Yxy	30.9193, 0.2644, 0.2707
Android (android.graphics.Color)	4287010750 (0xFF8697BE)
YUV	150.3630, 19.5410, -14.3504
Hunter-Lab	55.6051, -0.3872, -17.6867

Details

The Hex color **8697BE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BEAD86**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BCCDF6**, and **536489** is the 20% darker color. If you saturate the color by 10%, you get **738ABE**, and if you desaturate by 10%, it is **99A4BE**.

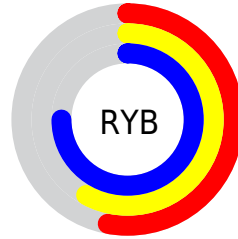
Distribution



Red (53%)

Green (59%)

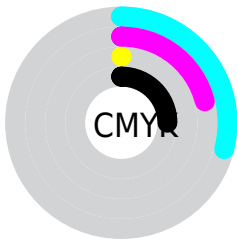
Blue (75%)



Red (53%)

Yellow (58%)

Blue (75%)

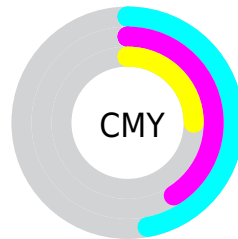


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8697BE 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 8697BE by changing the saturation by 10% instead.



8697BE



8697BE

FFFFFF



6C7DA3



BCCDF6



536489



D8E9FF



3A4C6F



F5FFFF



213656



06213F



000929



000114



000000



8697BE



8697BE

738ABE

99A4BE

607DBE

ACB1BE

4D6FBE

BFBFBE

3A62BE

D2CCBE

2755BE

E5D9BE

1448BE

F8E6BE

013ABE

FFF4BE

003ABE

FFFFBE

Harmonies

Analogous

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



6C9DBB



8697BE



A190B6

Triad

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



8697BE



BE8B80



74A187

Complementary

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



8697BE



BEAD86

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.



8A9D77



8697BE



B39173

Square

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



8697BE



BF8992



A09770



62A29C

Rectangle

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



8697BE



AF8CAC



A09770



7BA081

Sweetspot

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



8697BE



E1E8F7



86BEAC



6F737D



FCFCFC



7D7D7D

Same Dimension

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



8697BE



A1BBF7



9086BE



55585E



00309E



00091F

Inverse Universe

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



BE8697



F7A1BB



B4BE86



5E5558



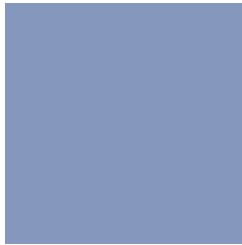
9E0030



1F0009

Previews

White Background



This preview shows how the Hex color 8697BE looks on a white background.

Color Contrast Check

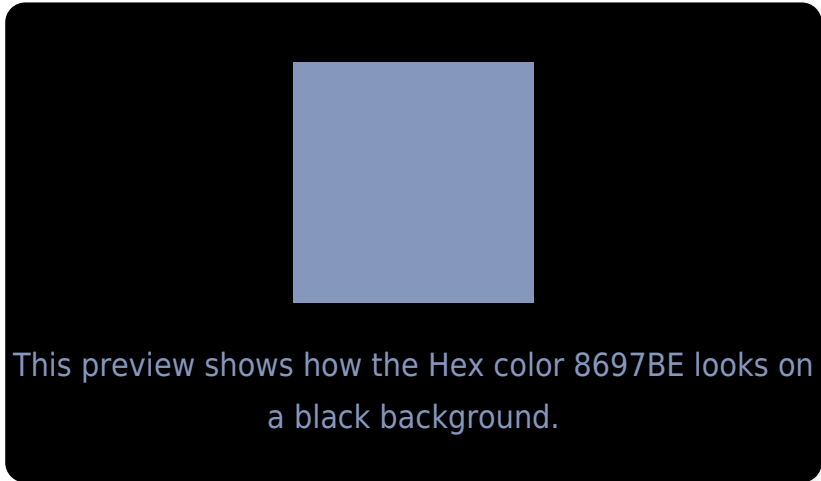
Large Text (above 18pt) WCAG AA × Fail

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

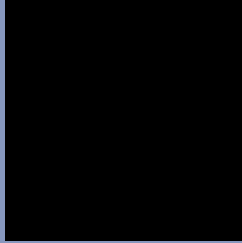
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

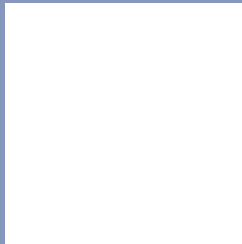
Any Text WCAG AAA ✓ Pass

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

Hex 8697BE Background



This preview shows how black text looks on a background with the Hex color 8697BE.



This preview shows how white text looks on a background with the Hex color 8697BE.

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
8697BE

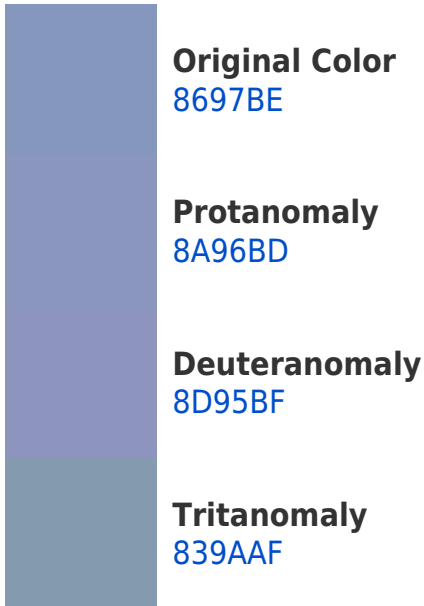
Protanopia
8D95BD

Deuteranopia
9194BF

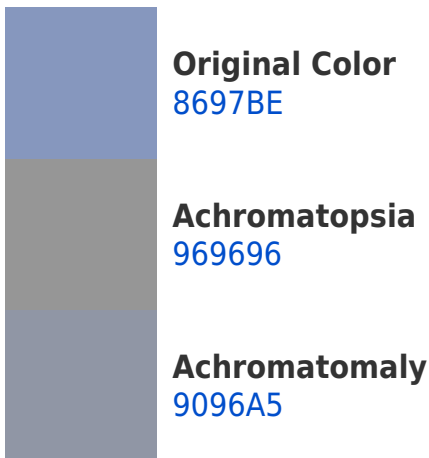


Tritanopia
819BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8697BE 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 #8697BE looks like.

```
.text, #text, p{  
    color:#8697BE  
}
```

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 #8697BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8697BE
}
```

Border

The CSS property to change the border of an element to Hex 8697BE 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
#8697BE }
```

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

```
.border{ border-color:#8697BE }
```

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

Here you see how a box with a 4 pixel #8697BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8697BE; -webkit-box-shadow:4px 4px  
4px 4px #8697BE; box-shadow:4px 4px 4px  
4px #8697BE }
```

Background

The CSS property to change the background color of an element to Hex 8697BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8697BE }
```

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

```
.background{ background-color:#8697BE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor