

Converting Colors

Hex(8C63A7)

Have a look what the booklet for
Hex(8C63A7) contains.

Hex(8C63A7)	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(8C63A7)

Conversions

Conversions Part 1

Format	Color
Hex	8C63A7
RGB	140, 99, 167
RGB Percent	55%, 39%, 65%
CMY	0.4510, 0.6118, 0.3451
CMYK	0.16, 0.41, 0.00, 0.35
HSL	276°, 28%, 52%
HSV	276°, 41%, 65%
XYZ	22.2521, 17.2891, 38.7235
YIQ	119.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

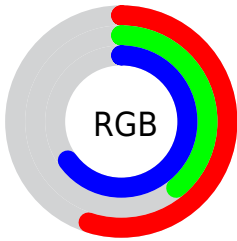
Format	Color
R_{YB}	140, 99, 167
Decimal	9200551
CIE _{Lab}	48.62, 29.62, -30.28
CIE _{LCh}	49, 42.359, 314.366
Yxy	17.2891, 0.2843, 0.2209
Android (android.graphics.Color)	4287390631 (0xFF8C63A7)
YUV	119.0110, 23.6586, 18.4074
Hunter-Lab	41.5802, 22.7608, -26.1104

Details

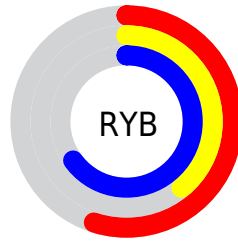
The Hex color **8C63A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7EA763**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C397DE**, and **583373** is the 20% darker color. If you saturate the color by 10%, you get **8552A7**, and if you desaturate by 10%, it is **9374A7**.

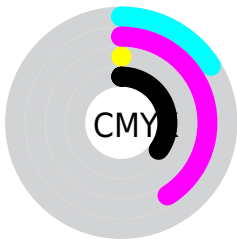
Distribution



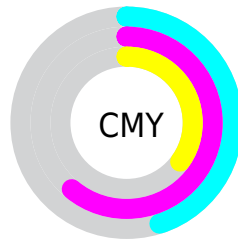
- Red (55%)
- Green (39%)
- Blue (65%)



- Red (55%)
- Yellow (39%)
- Blue (65%)



- Cyan (16%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C63A7 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 8C63A7 by changing the saturation by 10% instead.

8C63A7

8C63A7

FFFFFF

724B8C

C397DE

583373

DFB1FB

401C5A

FCCDFE

280642

FFE9FF

14002C

000116

000000

8C63A7

8C63A7

8552A7

9374A7

7F42A7

9984A7

7831A7

A095A7

7120A7

A7A6A7

6B10A7

ADB6A7

6500A7

B4C7A7

BAD8A7

C1E9A7

C8F9A7

Harmonies

Analogous

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



5471B9



8C63A7



AC5788

Triad

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



8C63A7



976B2D



008584

Complementary

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



8C63A7



7EA763

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.



00845F



8C63A7



77772A

Square

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



8C63A7



AE5D43



4F7F3E



0083A5

Rectangle

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



8C63A7



B55470



4F7F3E



008578

Sweetspot

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



8C63A7



CEBFD9



637EA7



685E6E



EDEDED



6E6E6E

Same Dimension

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



8C63A7



AF6FD9



A763A0



514C54



590094



0C0014

Inverse Universe

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



A7637E



D96F99



63A76A



544C4F



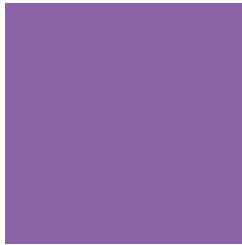
94003B



140008

Previews

White Background



This preview shows how the Hex color 8C63A7 looks on a white background.

Color Contrast Check

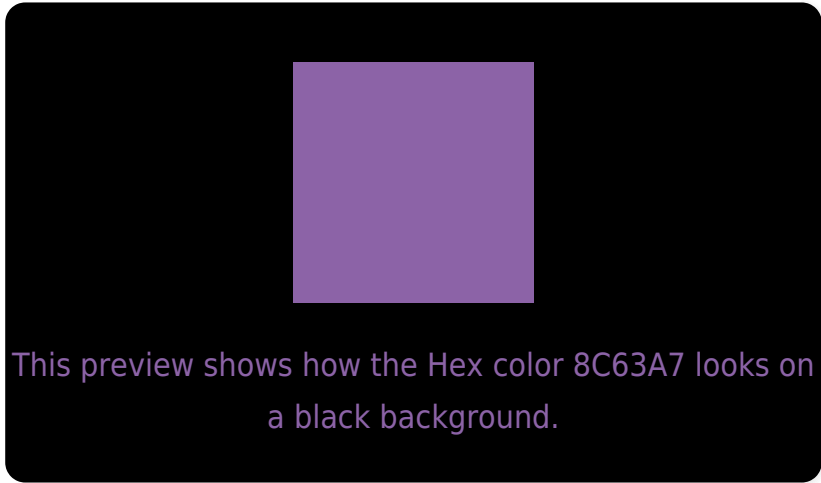
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 8C63A7 Background



This preview shows how black text looks on a background with the Hex color 8C63A7.

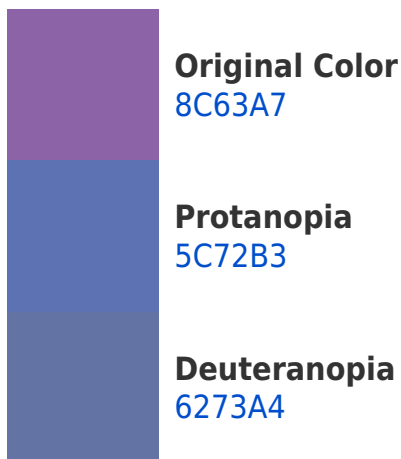


This preview shows how white text looks on a background with the Hex color 8C63A7.

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](#).

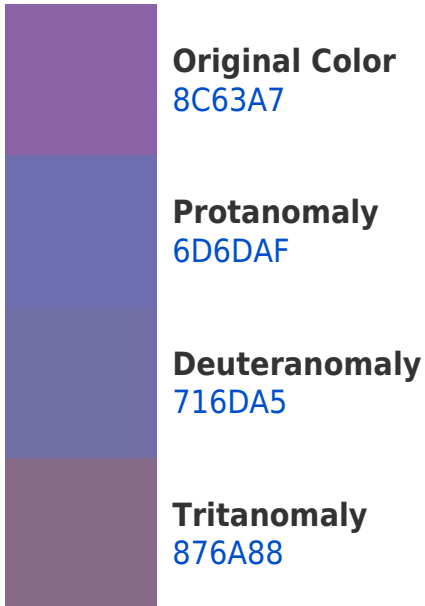
Dichromacy





Tritanopia
846E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C63A7 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 #8C63A7 looks like.

```
.text, #text, p{  
    color:#8C63A7  
}
```

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 #8C63A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C63A7
}
```

Border

The CSS property to change the border of an element to Hex 8C63A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

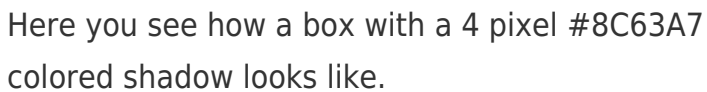
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C63A7 }
```

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

```
.border{ border-color:#8C63A7 }
```

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



Here you see how a box with a 4 pixel #8C63A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C63A7; -webkit-box-shadow:4px 4px  
4px 4px #8C63A7; box-shadow:4px 4px 4px  
4px #8C63A7 }
```

Background

The CSS property to change the background color of an element to Hex 8C63A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C63A7 }
```

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

```
.background{ background-color:#8C63A7 }
```

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