

Converting Colors

Hex(8643A5)

Have a look what the booklet for
Hex(8643A5) contains.

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Color

Hex(8643A5)

Conversions

Conversions Part 1

Format	Color
Hex	8643A5
RGB	134, 67, 165
RGB Percent	53%, 26%, 65%
CMY	0.4745, 0.7373, 0.3529
CMYK	0.19, 0.59, 0.00, 0.35
HSL	281°, 42%, 45%
HSV	281°, 59%, 65%
XYZ	18.6302, 11.7993, 36.8929
YIQ	98.2050, 8.4740, 44.6820

Conversions

Conversions Part 2

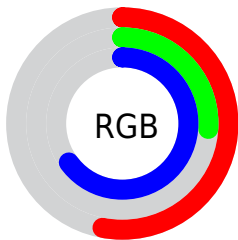
Format	Color
RYB	134, 67, 165
Decimal	8799141
CIELab	40.90, 45.21, -41.34
CIElCh	41, 61.255, 317.561
Yxy	11.7993, 0.2767, 0.1753
Android (android.graphics.Color)	4286989221 (0xFF8643A5)
YUV	98.2050, 32.9299, 31.3922
Hunter-Lab	34.3500, 36.6993, -39.6340

Details

The Hex color **8643A5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **62A543**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BE76DD**, and **510D70** is the 20% darker color. If you saturate the color by 10%, you get **8132A5**, and if you desaturate by 10%, it is **8B54A5**.

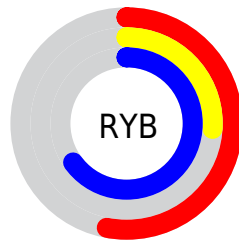
Distribution



Red (53%)

Green (26%)

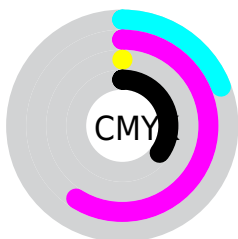
Blue (65%)



Red (53%)

Yellow (26%)

Blue (65%)

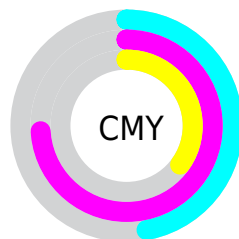


Cyan (19%)

Magenta (59%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (74%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8643A5 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 8643A5 by changing the saturation by 10% instead.

8643A5

8643A5

FFFFFF

6B2A8A

BE76DD

510D70

DA91F9

370057

F7ACFF

210040

FFC8FF

000029

FFE5FF

000112

000000

8643A5

8643A5

8132A5

8B54A5

7C22A5

9064A5

7611A5

9674A5

7101A5

9B85A5

7100A5

A095A5

A5A6A5

ABB6A5

B0C7A5

B5D8A5

Harmonies

Analogous

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



1A5CC1



8643A5



AE2778

Triad

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



8643A5



865700



00767D

Complementary

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



8643A5



62A543

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.



007549



8643A5



5A6700

Square

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



8643A5



A73E14



0B7011



0074AA

Rectangle

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



8643A5



B72056



0B7011



00766C

Sweetspot

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



8643A5



CAB0D6



4362A5



64546B



EBEBEB



6B6B6B

Same Dimension

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



8643A5



A63ED6



A54393



4F4952



630091



0C0012

Inverse Universe

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



A54362



D63E6E



43A555



52494C



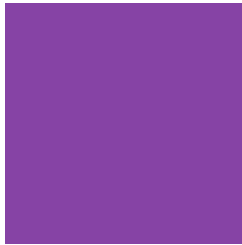
91002E



120006

Previews

White Background



This preview shows how the Hex color 8643A5 looks on a white background.

Color Contrast Check

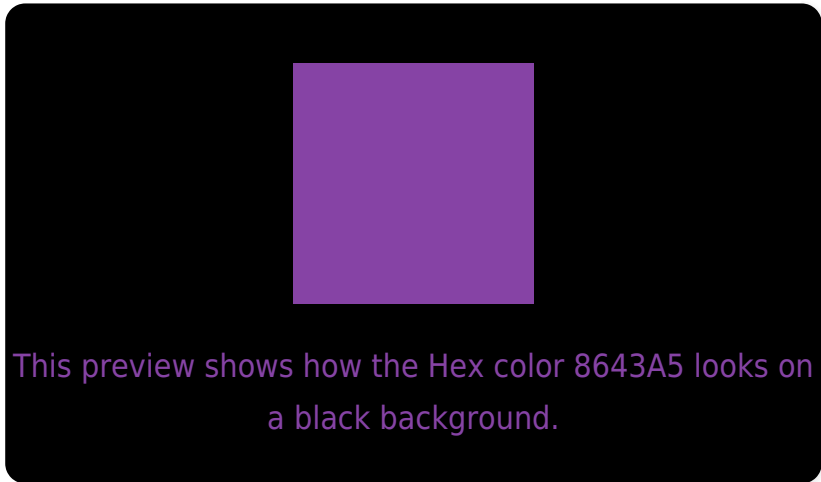
Large Text (above 18pt) WCAG AA ✓ Pass

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

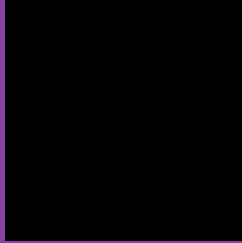
Any Text WCAG AA × Fail

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 8643A5 Background



This preview shows how black text looks on a background with the Hex color 8643A5.

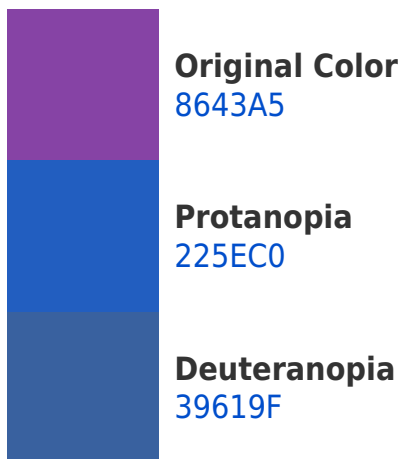



This preview shows how white text looks on a background with the Hex color 8643A5.

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
7B575D

Trichromacy



Original Color
8643A5



Protanomaly
4654B6



Deuteranomaly
5556A1



Tritanomaly
7F5077

Monochromacy



Original Color
8643A5



Achromatopsia
626262



Achromatomaly
6F577A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8643A5 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 #8643A5 looks like.

```
.text, #text, p{  
    color:#8643A5  
}
```

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 #8643A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8643A5
}
```

Border

The CSS property to change the border of an element to Hex 8643A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

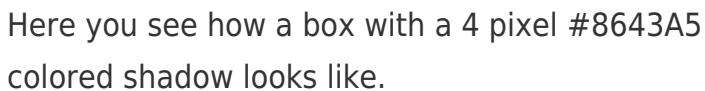
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8643A5 }
```

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

```
.border{ border-color:#8643A5 }
```

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



Here you see how a box with a 4 pixel #8643A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8643A5; -webkit-box-shadow:4px 4px  
4px 4px #8643A5; box-shadow:4px 4px 4px  
4px #8643A5 }
```

Background

The CSS property to change the background color of an element to Hex 8643A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8643A5 }
```

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

```
.background{ background-color:#8643A5 }
```

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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