

Converting Colors

Hex(8559AB)

Have a look what the booklet for
Hex(8559AB) contains.

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Color

Hex(8559AB)

Conversions

Conversions Part 1

Format	Color
Hex	8559AB
RGB	133, 89, 171
RGB Percent	52%, 35%, 67%
CMY	0.4784, 0.6510, 0.3294
CMYK	0.22, 0.48, 0.00, 0.33
HSL	272°, 33%, 51%
HSV	272°, 48%, 67%
XYZ	20.5959, 15.0716, 40.3517
YIQ	111.5040, -0.0980, 34.8300

Conversions

Conversions Part 2

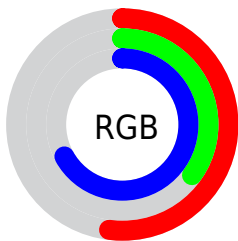
Format	Color
R_{YB}	133, 89, 171
Decimal	8739243
CIE _{Lab}	45.73, 34.23, -37.22
CIE _{LCh}	46, 50.572, 312.604
Yxy	15.0716, 0.2709, 0.1983
Android (android.graphics.Color)	4286929323 (0xFF8559AB)
YUV	111.5040, 29.3315, 18.8520
Hunter-Lab	38.8221, 26.7592, -34.4504

Details

The Hex color **8559AB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7FAB59**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BC8CE3**, and **512976** is the 20% darker color. If you saturate the color by 10%, you get **7D48AB**, and if you desaturate by 10%, it is **8D6AAB**.

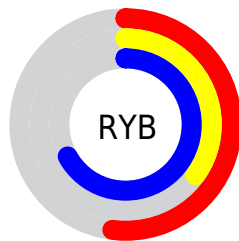
Distribution



Red (52%)

Green (35%)

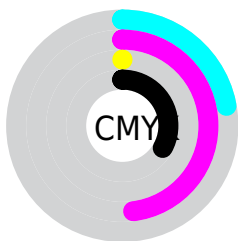
Blue (67%)



Red (52%)

Yellow (35%)

Blue (67%)

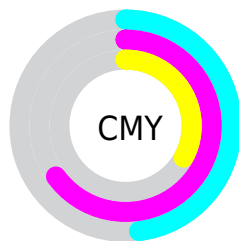


Cyan (22%)

Magenta (48%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (65%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8559AB 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 8559AB by changing the saturation by 10% instead.

8559AB

8559AB

FFFFFF

6B4190

BC8CE3

512976

D8A7FF

38125D

F5C2FF

1F0045

FFDEFF

00002E

FFFBFF

000118

000000

8559AB

8559AB

7D48AB

8D6AAB

 7537AB

 957BAB

 6D26AB

 9D8CAB

 6515AB

 A59DAB

 5D04AB

 ADAEAB

 5C00AB

 B5C0AB

 BCD1AB

 C4E2AB

 CCF3AB

Harmonies

Analogous

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



356BBF



8559AB



AC4887

Triad

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



8559AB



966114



00807D

Complementary

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



8559AB



7FAB59

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.



007F51



8559AB



71700A

Square

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



8559AB



AF5035



417929



007EA5

Rectangle

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



8559AB



B7426A



417929



00806F

Sweetspot

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



8559AB



CFBFDE



597FAB



675D70



F0F0F0



707070

Same Dimension

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



8559AB



A25DDE



AB59A8



534E57



510096



0C0017

Inverse Universe

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



AB597F



DE5D99



59AB5C



574E52



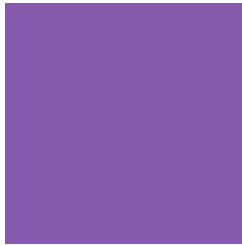
960046



17000B

Previews

White Background



This preview shows how the Hex color 8559AB looks on a white background.

Color Contrast Check

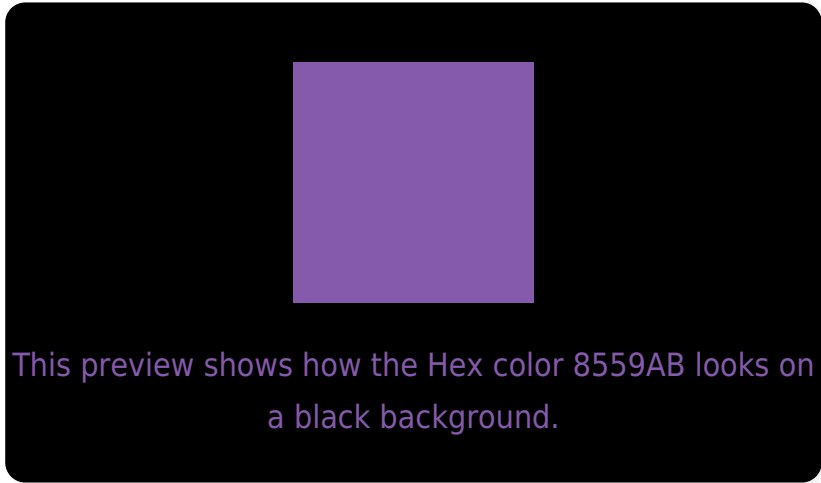
Large Text (above 18pt) WCAG AA ✓ Pass

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

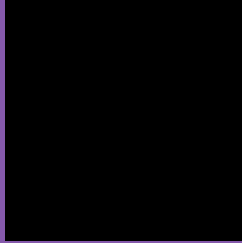
Any Text WCAG AA × Fail

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 8559AB Background



This preview shows how black text looks on a background with the Hex color 8559AB.

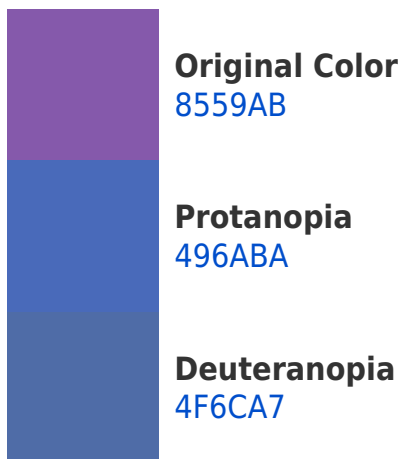


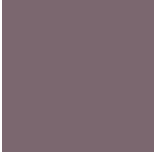
This preview shows how white text looks on a background with the Hex color 8559AB.

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](#).

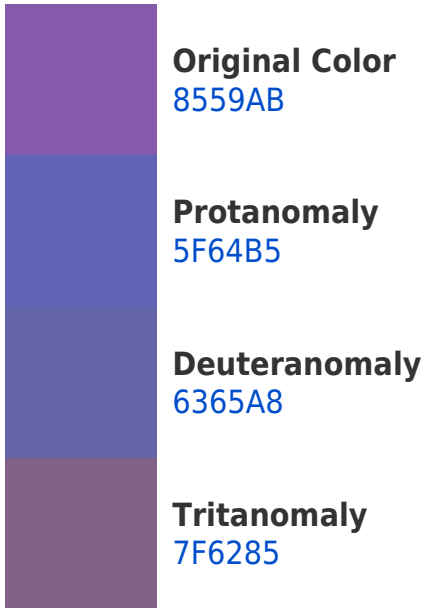
Dichromacy



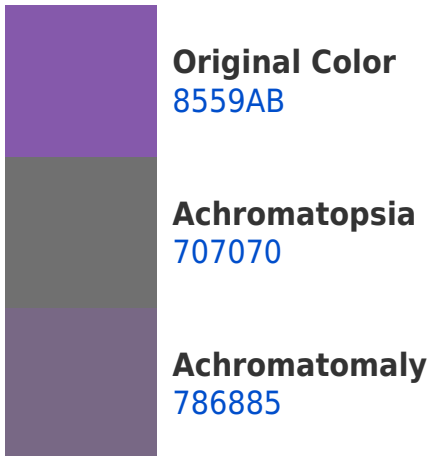


Tritanopia
7B676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8559AB 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 #8559AB looks like.

```
.text, #text, p{  
    color:#8559AB  
}
```

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 #8559AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8559AB
}
```

Border

The CSS property to change the border of an element to Hex 8559AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

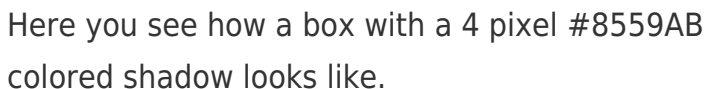
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8559AB }
```

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

```
.border{ border-color:#8559AB }
```

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



Here you see how a box with a 4 pixel #8559AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8559AB; -webkit-box-shadow:4px 4px  
4px 4px #8559AB; box-shadow:4px 4px 4px  
4px #8559AB }
```

Background

The CSS property to change the background color of an element to Hex 8559AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8559AB }
```

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

```
.background{ background-color:#8559AB }
```

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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