

Converting Colors

Hex(8229A3)

Have a look what the booklet for
Hex(8229A3) contains.

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Color

Hex(8229A3)

Conversions

Conversions Part 1

Format	Color
Hex	8229A3
RGB	130, 41, 163
RGB Percent	51%, 16%, 64%
CMY	0.4902, 0.8392, 0.3608
CMYK	0.20, 0.75, 0.00, 0.36
HSL	284°, 60%, 40%
HSV	284°, 75%, 64%
XYZ	16.6097, 8.9760, 35.5075
YIQ	81.5190, 13.8820, 56.8100

Conversions

Conversions Part 2

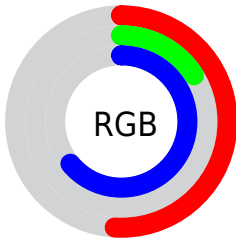
Format	Color
R_{YB}	130, 41, 163
Decimal	8530339
CIE _{Lab}	35.94, 55.67, -48.11
CIE _{LCh}	36, 73.580, 319.163
Yxy	8.9760, 0.2719, 0.1469
Android (android.graphics.Color)	4286720419 (0xFF8229A3)
YUV	81.5190, 40.1701, 42.5178
Hunter-Lab	29.9601, 46.5295, -49.2961

Details

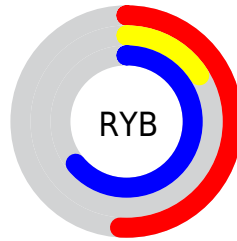
The Hex color **8229A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4AA329**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **BA60DB**, and **4C006E** is the 20% darker color. If you saturate the color by 10%, you get **7E19A3**, and if you desaturate by 10%, it is **8639A3**.

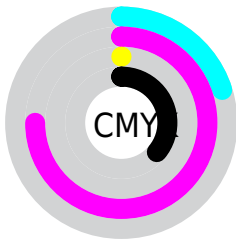
Distribution



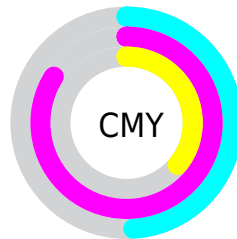
- Red (51%)
- Green (16%)
- Blue (64%)



- Red (51%)
- Yellow (16%)
- Blue (64%)



- Cyan (20%)
- Magenta (75%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8229A3 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 8229A3 by changing the saturation by 10% instead.

8229A3

8229A3

FFFFFF

670488

BA60DB

4C006E

D77AF7

310055

F596FF

16003D

FFB2FF

000326

FFCEFF

00010F

FFE8FF

000000

8229A3

8229A3

7E19A3

8639A3

7908A3

8B4AA3

7700A3

8F5AA3

946AA3

987AA3

9C8BA3

A19BA3

A5ABA3

AABCA3

Harmonies

Analogous

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



004FC6



8229A3



AF006D

Triad

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



8229A3



7A4B00



006C7A

Complementary

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



8229A3



4AA329

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.



006A3C



8229A3



445D00

Square

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



8229A3



A12700



006600



006BAE

Rectangle

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



8229A3



B70046



006600



006C66

Sweetspot

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



8229A3



C7A5D4



294CA3



644F6B



EBEBEB



6B6B6B

Same Dimension

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



8229A3



A015D4



A32989



4F4952



6A0091



0D0012

Inverse Universe

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



A3294A



D41549



29A343



52494C



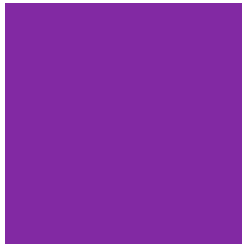
910027



120005

Previews

White Background



This preview shows how the Hex color 8229A3 looks on a white background.

Color Contrast Check

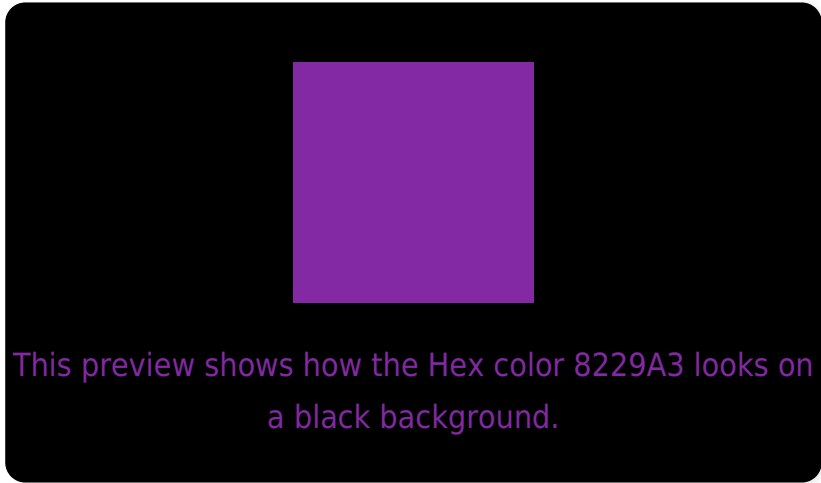
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

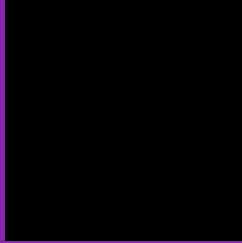
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8229A3 Background



This preview shows how black text looks on a background with the Hex color 8229A3.



This preview shows how white text looks on a background with the Hex color 8229A3.

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
8229A3

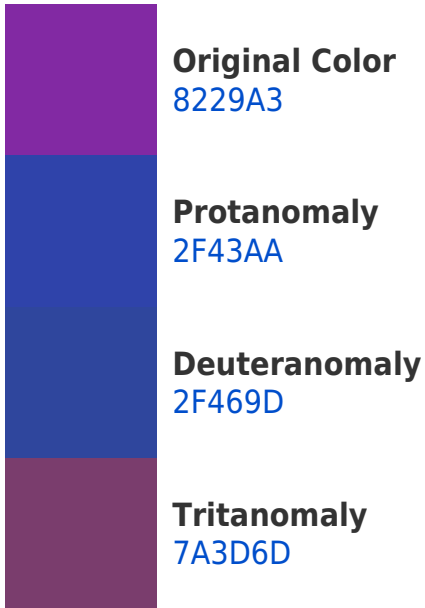
Protanopia
0052AE

Deuteranopia
00579A

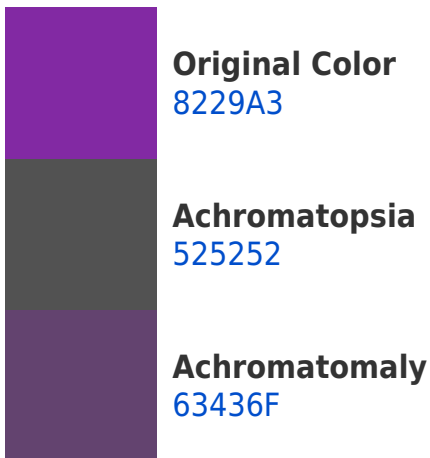


Tritanopia
75484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8229A3 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 #8229A3 looks like.

```
.text, #text, p{  
    color:#8229A3  
}
```

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 #8229A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8229A3
}
```

Border

The CSS property to change the border of an element to Hex 8229A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

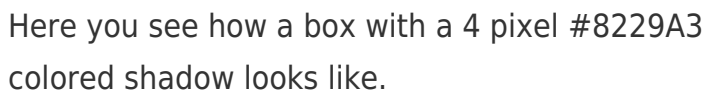
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8229A3 }
```

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

```
.border{ border-color:#8229A3 }
```

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



Here you see how a box with a 4 pixel #8229A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8229A3; -webkit-box-shadow:4px 4px  
4px 4px #8229A3; box-shadow:4px 4px 4px  
4px #8229A3 }
```

Background

The CSS property to change the background color of an element to Hex 8229A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8229A3 }
```

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

```
.background{ background-color:#8229A3 }
```

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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