

Converting Colors

Hex(8A227C)

Have a look what the booklet for
Hex(8A227C) contains.

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Color

Hex(8A227C)

Conversions

Conversions Part 1

Format	Color
Hex	8A227C
RGB	138, 34, 124
RGB Percent	54%, 13%, 49%
CMY	0.4588, 0.8667, 0.5137
CMYK	0.00, 0.75, 0.10, 0.46
HSL	308°, 60%, 34%
HSV	308°, 75%, 54%
XYZ	14.6914, 8.0026, 19.8391
YIQ	75.3560, 33.0940, 50.0380

Conversions

Conversions Part 2

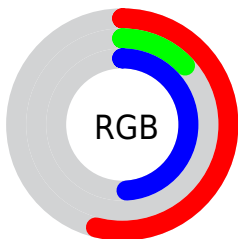
Format	Color
RYB	138, 34, 124
Decimal	9052796
CIELab	33.99, 52.87, -27.20
CIELCh	34, 59.454, 332.777
Yxy	8.0026, 0.3454, 0.1881
Android (android.graphics.Color)	4287242876 (0xFF8A227C)
YUV	75.3560, 23.9815, 54.9388
Hunter-Lab	28.2888, 43.1958, -21.7783

Details

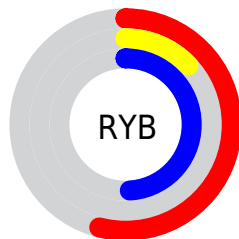
The Hex color **8A227C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **228A30**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **C25AB1**, and **54004B** is the 20% darker color. If you saturate the color by 10%, you get **8A147A**, and if you desaturate by 10%, it is **8A307E**.

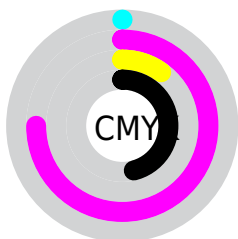
Distribution



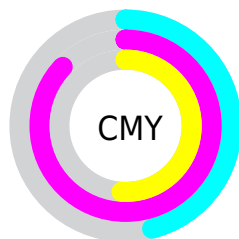
- Red (54%)
- Green (13%)
- Blue (49%)



- Red (54%)
- Yellow (13%)
- Blue (49%)



- Cyan (0%)
- Magenta (75%)
- Yellow (10%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A227C 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 8A227C by changing the saturation by 10% instead.

 8A227C

 8A227C

FFFFFF

 6F0063

 C25AB1

 54004B

 DF75CD

 3B0034

 FD90E9

 21001E

 FFACFF

 000000

 FFC8FF

 FFE5FF

 8A227C

 8A227C

 8A147A

 8A307E

■ 8A0678

■ 8A3E80

■ 8A0077

■ 8A4B82

■ 8A5983

■ 8A6785

■ 8A7587

■ 8A8389

■ 8A908B

■ 8A9E8D

Harmonies

Analogous

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



5041A0



8A227C



A0014E

Triad

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



8A227C



5F5000



006382

Complementary

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



8A227C



228A30

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.



006353



8A227C



2C5B00

Square

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



8A227C



833C00



006121



0060A4

Rectangle

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



8A227C



9F122F



006121



006473

Sweetspot

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



8A227C



B389AD



30228A



594056



D9D9D9



595959

Same Dimension

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



8A227C



B3129D



8A2248



453E44



850073



050004

Inverse Universe

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



8A227C



B3129D



228A64



453E44



850073



050004

Previews

White Background



This preview shows how the Hex color 8A227C looks on a white background.

Color Contrast Check

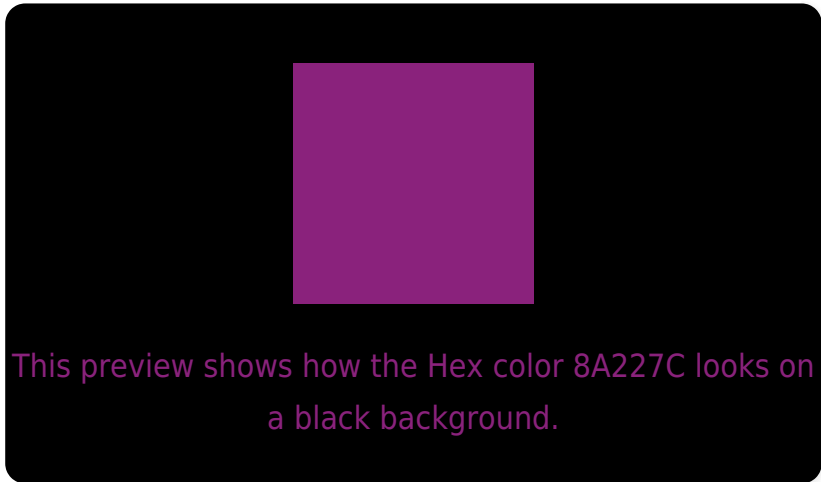
Large Text (above 18pt) WCAG AA ✓ Pass

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

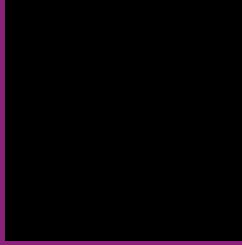
Any Text WCAG AA × Fail

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 8A227C Background



This preview shows how black text looks on a background with the Hex color 8A227C.

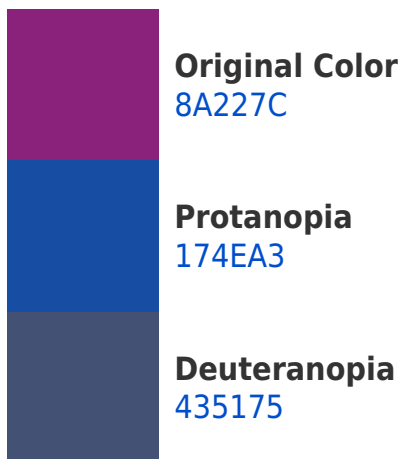



This preview shows how white text looks on a background with the Hex color 8A227C.

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
84383C

Trichromacy



Original Color
8A227C



Protanomaly
413E95



Deuteranomaly
5D4078



Tritanomaly
863053

Monochromacy



Original Color
8A227C



Achromatopsia
4B4B4B



Achromatomaly
623C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A227C 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 #8A227C looks like.

```
.text, #text, p{  
    color:#8A227C  
}
```

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 #8A227C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A227C
}
```

Border

The CSS property to change the border of an element to Hex 8A227C is called "border". The border property can be set on classes, ids or directly on the HTML element.

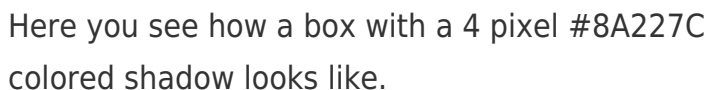
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A227C }
```

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

```
.border{ border-color:#8A227C }
```

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



Here you see how a box with a 4 pixel #8A227C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A227C; -webkit-box-shadow:4px 4px  
4px 4px #8A227C; box-shadow:4px 4px 4px  
4px #8A227C }
```

Background

The CSS property to change the background color of an element to Hex 8A227C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A227C }
```

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

```
.background{ background-color:#8A227C }
```

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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