

Converting Colors

Hex(8A37C4)

Have a look what the booklet for
Hex(8A37C4) contains.

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Color

Hex(8A37C4)

Conversions

Conversions Part 1

Format	Color
Hex	8A37C4
RGB	138, 55, 196
RGB Percent	54%, 22%, 77%
CMY	0.4588, 0.7843, 0.2314
CMYK	0.30, 0.72, 0.00, 0.23
HSL	275°, 56%, 49%
HSV	275°, 72%, 77%
XYZ	21.8112, 12.1212, 53.4146
YIQ	95.8910, 4.2070, 61.4470

Conversions

Conversions Part 2

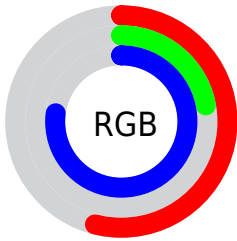
Format	Color
R_{YB}	138, 55, 196
Decimal	9058244
CIE _{Lab}	41.41, 58.67, -58.76
CIE _{LCh}	41, 83.030, 314.956
Yxy	12.1212, 0.2497, 0.1388
Android (android.graphics.Color)	4287248324 (0xFF8A37C4)
YUV	95.8910, 49.3537, 36.9296
Hunter-Lab	34.8155, 50.8997, -66.5931

Details

The Hex color **8A37C4** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **71C437**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C46DFE**, and **52008D** is the 20% darker color. If you saturate the color by 10%, you get **8223C4**, and if you desaturate by 10%, it is **924BC4**.

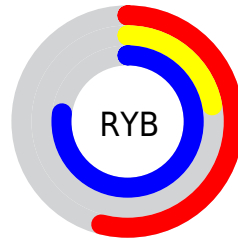
Distribution



Red (54%)

Green (22%)

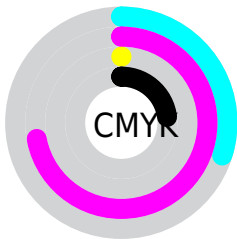
Blue (77%)



Red (54%)

Yellow (22%)

Blue (77%)

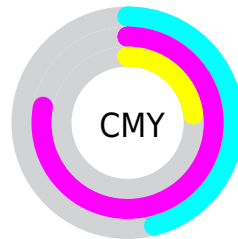


Cyan (30%)

Magenta (72%)

Yellow (0%)

Black (23%)



Cyan (46%)

Magenta (78%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A37C4 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 8A37C4 by changing the saturation by 10% instead.

 8A37C4

 8A37C4

FFFFFF

 6E19A8

 C46DFE

 52008D

 E188FF

 350073

 FFA4FF

 18005A

 FFC0FF

 000041

 FFDCFF

 00032A

 FFFAFF

 000114

 000000

 8A37C4

 8A37C4

8223C4

924BC4

7A10C4

9A5EC4

7300C4

A272C4

AA85C4

B299C4

BAADC4

C2C0C4

CAD4C4

D3E7C4

Harmonies

Analogous

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



0060E9



8A37C4



C50087

Triad

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



8A37C4



935200



007C83

Complementary

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



8A37C4



71C437

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.



007A3B



8A37C4



586900

Square

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



8A37C4



BE2200



007500



007CC2

Rectangle

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



8A37C4



D3005A



007500



007C6C

Sweetspot

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



8A37C4



E8C7FF



3772C4



725E80



000000



808080

Same Dimension

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



8A37C4



A524FF



C437B8



5D5761



5F00A1



140021

Inverse Universe

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



C43771



FF247E



37C443



61575B



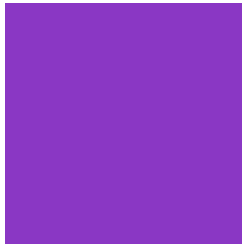
A10042



21000E

Previews

White Background



This preview shows how the Hex color 8A37C4 looks on a white background.

Color Contrast Check

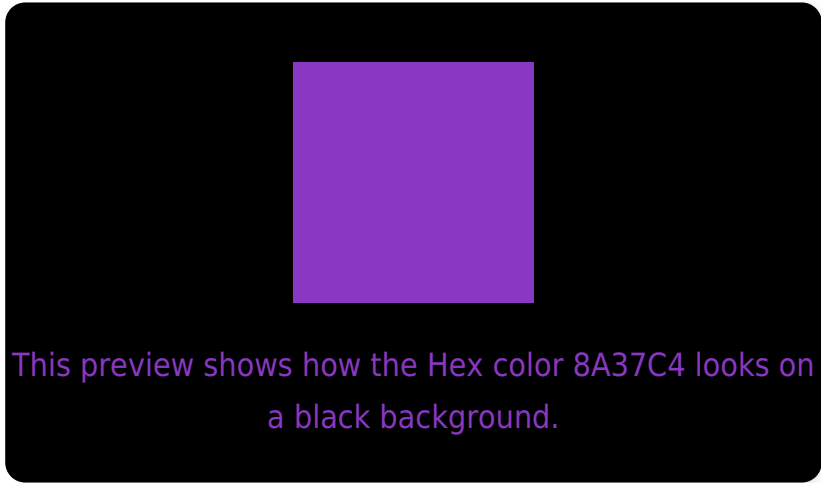
Large Text (above 18pt) WCAG AA ✓ Pass

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

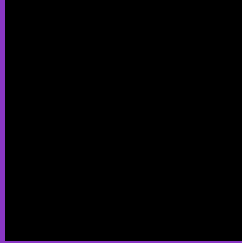
Any Text WCAG AA × Fail

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 8A37C4 Background



This preview shows how black text looks on a background with the Hex color 8A37C4.



This preview shows how white text looks on a background with the Hex color 8A37C4.

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
8A37C4

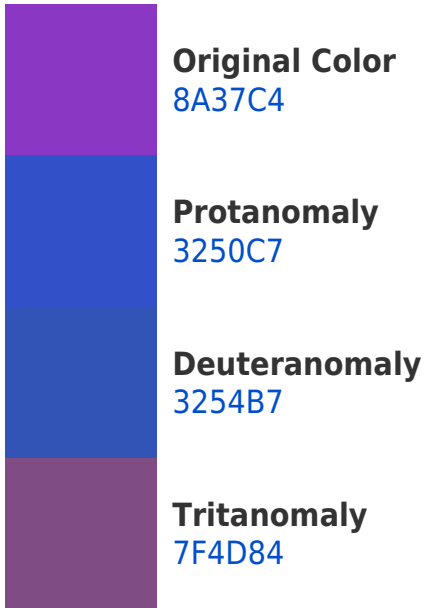
Protanopia
005FC8

Deuteranopia
0064AF

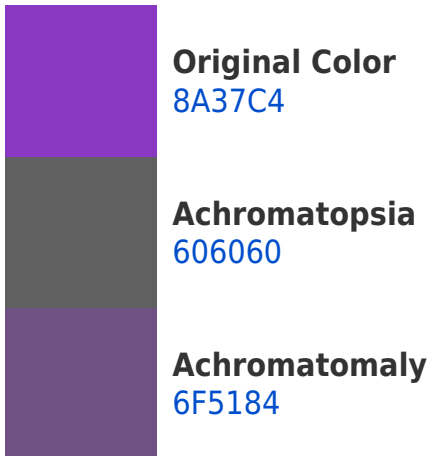


Tritanopia
785A60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A37C4 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 #8A37C4 looks like.

```
.text, #text, p{  
    color:#8A37C4  
}
```

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 #8A37C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A37C4
}
```

Border

The CSS property to change the border of an element to Hex 8A37C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

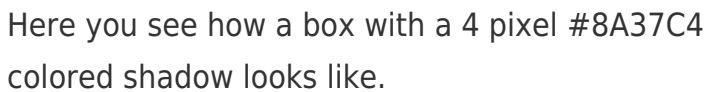
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A37C4 }
```

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

```
.border{ border-color:#8A37C4 }
```

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



Here you see how a box with a 4 pixel #8A37C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A37C4; -webkit-box-shadow:4px 4px  
4px 4px #8A37C4; box-shadow:4px 4px 4px  
4px #8A37C4 }
```

Background

The CSS property to change the background color of an element to Hex 8A37C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A37C4 }
```

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

```
.background{ background-color:#8A37C4 }
```

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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