

Converting Colors

Hex(8A0172)

Have a look what the booklet for
Hex(8A0172) contains.

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Color

Hex(8A0172)

Conversions

Conversions Part 1

Format	Color
Hex	8A0172
RGB	138, 1, 114
RGB Percent	54%, 0%, 45%
CMY	0.4588, 0.9961, 0.5529
CMYK	0.00, 0.99, 0.17, 0.46
HSL	311°, 99%, 27%
HSV	311°, 99%, 54%
XYZ	13.5293, 6.6399, 16.4881
YIQ	54.8450, 45.3790, 64.1870

Conversions

Conversions Part 2

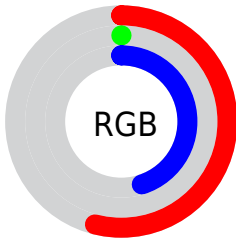
Format	Color
R_{YB}	138, 1, 114
Decimal	9044338
CIE _{Lab}	30.97, 58.60, -25.62
CIE _{LCh}	31, 63.951, 336.388
Yxy	6.6399, 0.3691, 0.1811
Android (android.graphics.Color)	4287234418 (0xFF8A0172)
YUV	54.8450, 29.1634, 72.9269
Hunter-Lab	25.7680, 48.6266, -19.9003

Details

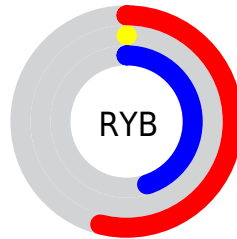
The Hex color **8A0172** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **018A19**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C34AA6**, and **530041** is the 20% darker color. If you saturate the color by 10%, you get **8A0072**, and if you desaturate by 10%, it is **8A0F74**.

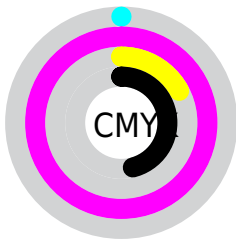
Distribution



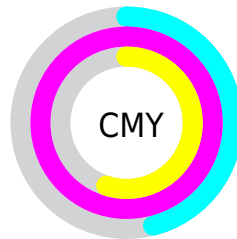
- Red (54%)
- Green (0%)
- Blue (45%)



- Red (54%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (99%)
- Yellow (17%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A0172 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 8A0172 by changing the saturation by 10% instead.

 8A0172

 8A0172

FFFFFF

 6E0059

 C34AA6

 530041

 E066C2

 3B002B

 FE81DE

 1D0015

 FF9DFA

 000000

 FFBAFF

 FFD7FF

 FFF4FF

 8A0172

 8A0172

■ 8A0072

■ 8A0F74

■ 8A1D77

■ 8A2A79

■ 8A387C

■ 8A467E

■ 8A5481

■ 8A6283

■ 8A6F85

■ 8A7D88

Harmonies

Analogous

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



51359B



8A0172



9C0041

Triad

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



8A0172



514B00



005D84

Complementary

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



8A0172



018A19

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.



005D53



8A0172



145500

Square

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



8A0172



793600



005B1D



0059A6

Rectangle

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



8A0172



990020



005B1D



005D74

Sweetspot

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



8A0172



B37DA9



18018A



593954



D9D9D9



595959

Same Dimension

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



8A0172



B30093



8A012F



453E44



85006D



050004

Inverse Universe

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



8A0172



B30093



018A5C



453E44



85006D



050004

Previews

White Background



This preview shows how the Hex color 8A0172 looks on a white background.

Color Contrast Check

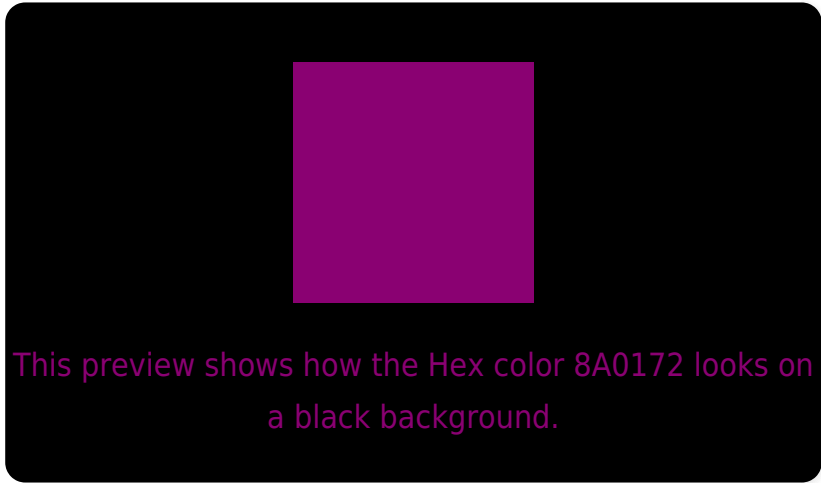
Large Text (above 18pt) WCAG AA ✓ Pass

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

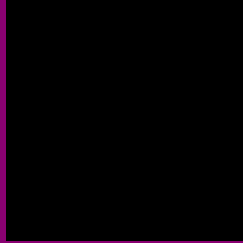
Any Text WCAG AA × Fail

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 8A0172 Background



This preview shows how black text looks on a background with the Hex color 8A0172.

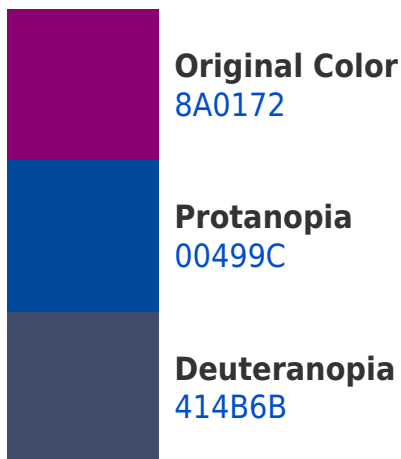


This preview shows how white text looks on a background with the Hex color 8A0172.

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
842D2F

Trichromacy



Original Color
8A0172



Protanomaly
322F8D



Deuteranomaly
5C306E



Tritanomaly
861D47

Monochromacy



Original Color
8A0172



Achromatopsia
373737



Achromatomaly
55234C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A0172 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 #8A0172 looks like.

```
.text, #text, p{  
    color:#8A0172  
}
```

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 #8A0172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A0172
}
```

Border

The CSS property to change the border of an element to Hex 8A0172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

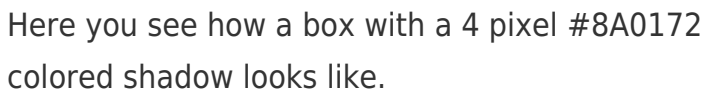
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A0172 }
```

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

```
.border{ border-color:#8A0172 }
```

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



Here you see how a box with a 4 pixel #8A0172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A0172; -webkit-box-shadow:4px 4px  
4px 4px #8A0172; box-shadow:4px 4px 4px  
4px #8A0172 }
```

Background

The CSS property to change the background color of an element to Hex 8A0172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A0172 }
```

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

```
.background{ background-color:#8A0172 }
```

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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