

Converting Colors

Hex(800276)

Have a look what the booklet for
Hex(800276) contains.

Hex(800276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(800276)

Conversions

Conversions Part 1

Format	Color
Hex	800276
RGB	128, 2, 118
RGB Percent	50%, 1%, 46%
CMY	0.4980, 0.9922, 0.5373
CMYK	0.00, 0.98, 0.08, 0.50
HSL	305°, 97%, 25%
HSV	305°, 98%, 50%
XYZ	12.1938, 5.9406, 17.6435
YIQ	52.8980, 37.8600, 62.7880

Conversions

Conversions Part 2

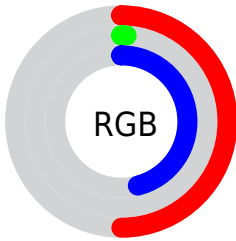
Format	Color
RYB	128, 2, 118
Decimal	8389238
CIELab	29.26, 57.08, -31.00
CIElCh	29, 64.954, 331.495
Yxy	5.9406, 0.3408, 0.1660
Android (android.graphics.Color)	4286579318 (0xFF800276)
YUV	52.8980, 32.0953, 65.8645
Hunter-Lab	24.3734, 46.6487, -25.8577

Details

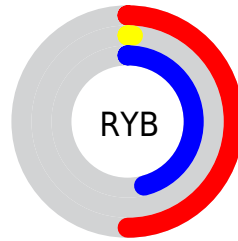
The Hex color **800276** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **02800C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **B848AB**, and **4A0045** is the 20% darker color. If you saturate the color by 10%, you get **800076**, and if you desaturate by 10%, it is **800F77**.

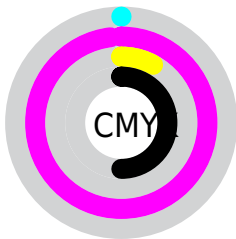
Distribution



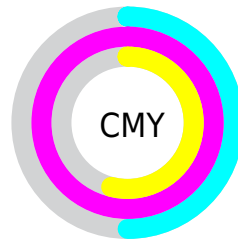
- Red (50%)
- Green (1%)
- Blue (46%)



- Red (50%)
- Yellow (1%)
- Blue (46%)



- Cyan (0%)
- Magenta (98%)
- Yellow (8%)
- Black (50%)



- Cyan (50%)
- Magenta (99%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800276 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 800276 by changing the saturation by 10% instead.

 800276

 800276

FFFFFF

 65005D

 B848AB

 4A0045

 D564C6

 33002E

 F37FE2

 0D0018

 FF9BFF

 000000

 FFB7FF

 FFD4FF

 FFF1FF

 800276

 800276

■ 800076

■ 800F77

■ 801C78

■ 802879

■ 80357A

■ 80427B

■ 804F7C

■ 805C7D

■ 80687E

■ 80757F

Harmonies

Analogous

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



3B369C



800276



970045

Triad

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



800276



534400



005979

Complementary

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



800276



02800C

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.



005846



800276



1C5000

Square

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



800276



7A2D00



00560D



00569F

Rectangle

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



800276



970024



00560D



005969

Sweetspot

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



800276



A674A2



0A0280



543652



D4D4D4



545454

Same Dimension

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



800276



A60099



800239



40393F



800075



000000

Inverse Universe

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



800276



A60099



028049



40393F



800075



000000

Previews

White Background



This preview shows how the Hex color 800276 looks on a white background.

Color Contrast Check

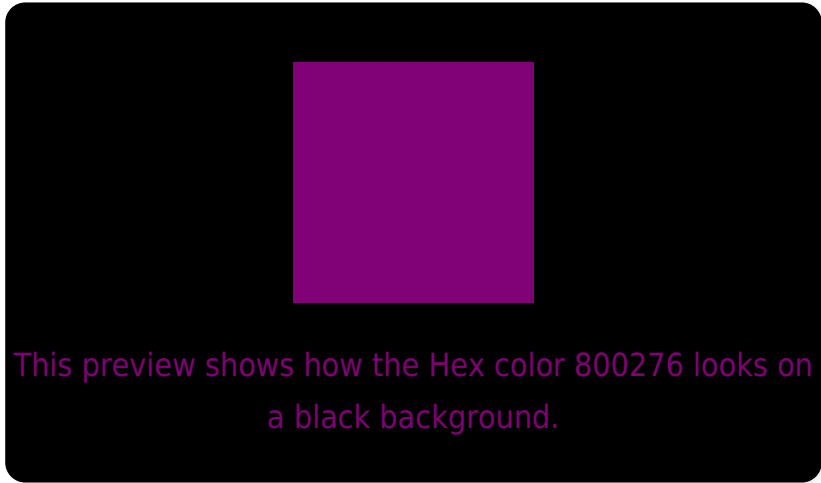
Large Text (above 18pt) WCAG AA ✓ Pass

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

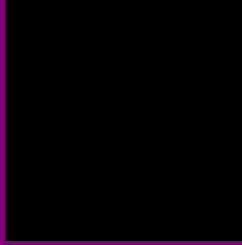
Any Text WCAG AA × Fail

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 800276 Background



This preview shows how black text looks on a background with the Hex color 800276.



This preview shows how white text looks on a background with the Hex color 800276.

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
792E31

Trichromacy



Original Color
800276



Protanomaly
2F2D88



Deuteranomaly
502F72



Tritanomaly
7C1E4A

Monochromacy



Original Color
800276



Achromatopsia
353535



Achromatomaly
50224D

CSS Examples

Text

The CSS property to change the color of the text to Hex 800276 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 #800276 looks like.

```
.text, #text, p{  
    color:#800276  
}
```

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 #800276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800276
}
```

Border

The CSS property to change the border of an element to Hex 800276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

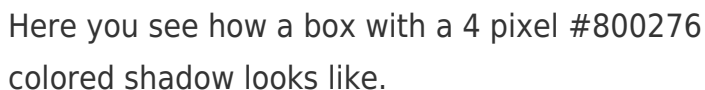
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800276 }
```

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

```
.border{ border-color:#800276 }
```

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



Here you see how a box with a 4 pixel #800276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800276; -webkit-box-shadow:4px 4px  
4px 4px #800276; box-shadow:4px 4px 4px  
4px #800276 }
```

Background

The CSS property to change the background color of an element to Hex 800276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800276 }
```

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

```
.background{ background-color:#800276 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor