

Converting Colors

Hex(800268)

Have a look what the booklet for
Hex(800268) contains.

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Color

Hex(800268)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 800268 |
| RGB | 128, 2, 104 |
| RGB Percent | 50%, 1%, 41% |
| CMY | 0.4980, 0.9922, 0.5922 |
| CMYK | 0.00, 0.98, 0.19, 0.50 |
| HSL | 311°, 97%, 25% |
| HSV | 311°, 98%, 50% |
| XYZ | 11.4225, 5.6321, 13.5818 |
| YIQ | 51.3020, 42.3540, 58.4340 |

Conversions

Conversions Part 2

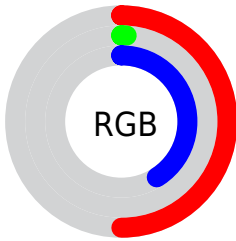
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 128, 2, 104 |
| Decimal | 8389224 |
| CIELab | 28.46, 55.08, -23.27 |
| CIElCh | 28, 59.797, 337.102 |
| Yxy | 5.6321, 0.3728, 0.1838 |
| Android (android.graphics.Color) | 4286579304 (0xFF800268) |
| YUV | 51.3020, 25.9801, 67.2641 |
| Hunter-Lab | 23.7320, 44.3830, -17.3191 |

Details

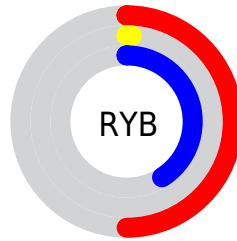
The Hex color **800268** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **02801A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B8479B**, and **4A0038** is the 20% darker color. If you saturate the color by 10%, you get **800068**, and if you desaturate by 10%, it is **800F6A**.

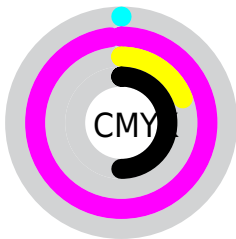
Distribution



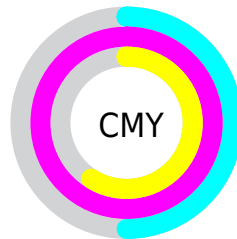
- Red (50%)
- Green (1%)
- Blue (41%)



- Red (50%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (99%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800268 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 800268 by changing the saturation by 10% instead.

 800268

 800268

FFFFFF

 650050

 B8479B

 4A0038

 D563B6

 320023

 F37ED2

 0A0008

 FF9AEF

 000000

 FFB6FF

 FFD2FF

 FFF0FF

 800268

 800268

■ 800068

■ 800F6A

■ 801C6D

■ 80286F

■ 803572

■ 804274

■ 804F77

■ 805C79

■ 80687C

■ 80757E

Harmonies

Analogous

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



4D308E



800268



90003B

Triad

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



800268



4A4500



00557A

Complementary

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



800268



02801A

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.



00554D



800268



114F00

Square

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



800268



6F3300



00541C



005299

Rectangle

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



800268



8D001D



00541C



00566C

Sweetspot

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



800268



A6749C



190280



54364E



D4D4D4



545454

Same Dimension

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



800268



A60086



80022A



40393F



800067



000000

Inverse Universe

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



800268



A60086



028058



40393F



800067



000000

Previews

White Background



This preview shows how the Hex color 800268 looks on a white background.

Color Contrast Check

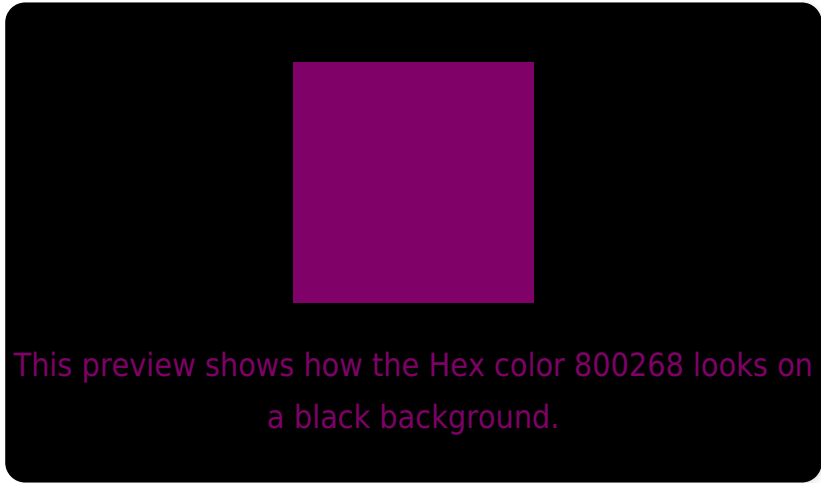
Large Text (above 18pt) WCAG AA ✓ Pass

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

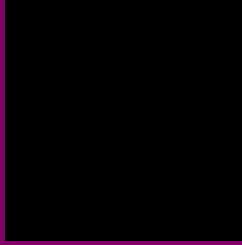
Any Text WCAG AA × Fail

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 800268 Background



This preview shows how black text looks on a background with the Hex color 800268.

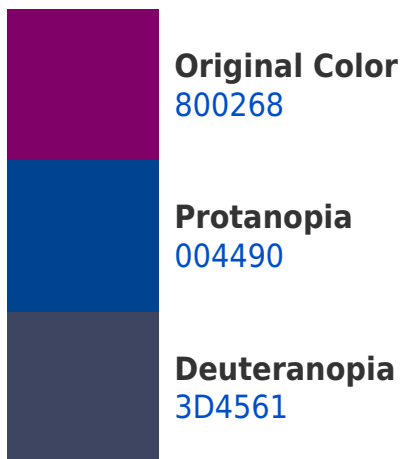


This preview shows how white text looks on a background with the Hex color 800268.

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
7B292B

Trichromacy



Original Color
800268



Protanomaly
2F2C81



Deuteranomaly
552D64



Tritanomaly
7D1B41

Monochromacy



Original Color
800268



Achromatopsia
333333



Achromatomaly
4F2146

CSS Examples

Text

The CSS property to change the color of the text to Hex 800268 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 #800268 looks like.

```
.text, #text, p{  
    color:#800268  
}
```

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 #800268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800268
}
```

Border

The CSS property to change the border of an element to Hex 800268 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
#800268 }
```

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

```
.border{ border-color:#800268 }
```

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

Here you see how a box with a 4 pixel #800268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800268; -webkit-box-shadow:4px 4px  
4px 4px #800268; box-shadow:4px 4px 4px  
4px #800268 }
```

Background

The CSS property to change the background color of an element to Hex 800268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800268 }
```

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

```
.background{ background-color:#800268 }
```

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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