

Converting Colors

Hex(802068)

Have a look what the booklet for
Hex(802068) contains.

| | |
|--|----|
| Hex(802068) | 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(802068)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 802068 |
| RGB | 128, 32, 104 |
| RGB Percent | 50%, 13%, 41% |
| CMY | 0.4980, 0.8745, 0.5922 |
| CMYK | 0.00, 0.75, 0.19, 0.50 |
| HSL | 315°, 60%, 31% |
| HSV | 315°, 75%, 50% |
| XYZ | 11.9173, 6.6217, 13.7467 |
| YIQ | 68.9120, 34.1040, 42.7440 |

Conversions

Conversions Part 2

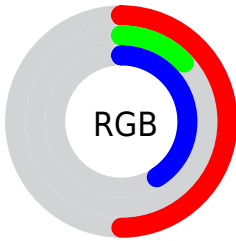
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 128, 32, 104 |
| Decimal | 8396904 |
| CIE _{Lab} | 30.93, 47.97, -19.42 |
| CIE _{LCh} | 31, 51.754, 337.961 |
| Yxy | 6.6217, 0.3691, 0.2051 |
| Android (android.graphics.Color) | 4286586984 (0xFF802068) |
| YUV | 68.9120, 17.2984, 51.8202 |
| Hunter-Lab | 25.7327, 37.6347, -13.6606 |

Details

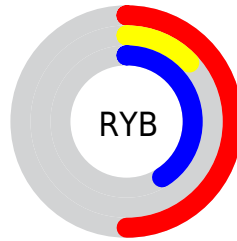
The Hex color **802068** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **208038**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B8569B**, and **4B0039** is the 20% darker color. If you saturate the color by 10%, you get **801365**, and if you desaturate by 10%, it is **802D6B**.

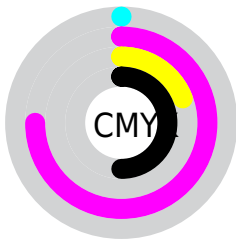
Distribution



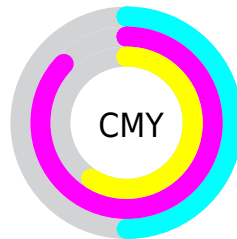
- Red (50%)
- Green (13%)
- Blue (41%)



- Red (50%)
- Yellow (13%)
- Blue (41%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802068 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 802068 by changing the saturation by 10% instead.

 802068

 802068

FFFFFF

 650050

 B8569B

 4B0039

 D471B6

 340023

 F28CD2

 11000A

 FFA7EE

 000000

 FFC3FF

 FFE0FF

 FFFDFF

 802068

 802068

■ 801365

■ 802D6B

■ 800662

■ 803A6E

■ 800060

■ 804672

■ 805375

■ 806078

■ 806D7B

■ 807A7E

■ 808682

■ 809385

Harmonies

Analogous

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



563889



802068



8F1340

Triad

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



802068



504B00



005A7A

Complementary

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



802068



208038

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.



005A53



802068



225400

Square

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



802068



713B00



005828



005594

Rectangle

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



802068



8C1E26



005828



005A6E

Sweetspot

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



802068



A6809C



382080



543D4E



D4D4D4



545454

Same Dimension

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



802068



A61180



802038



40393E



800060



000000

Inverse Universe

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



802068



A61180



208068



40393E



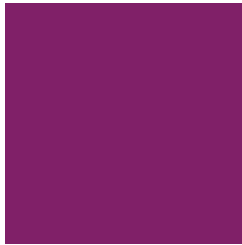
800060



000000

Previews

White Background



This preview shows how the Hex color 802068 looks on a white background.

Color Contrast Check

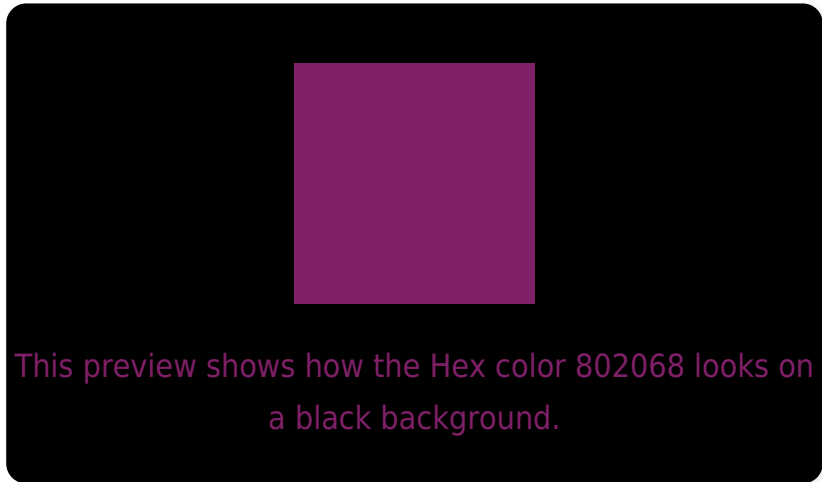
Large Text (above 18pt) WCAG AA ✓ Pass

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

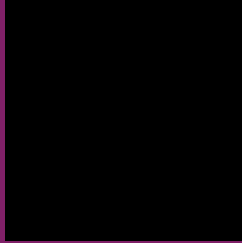
Any Text WCAG AA × Fail

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 802068 Background



This preview shows how black text looks on a background with the Hex color 802068.

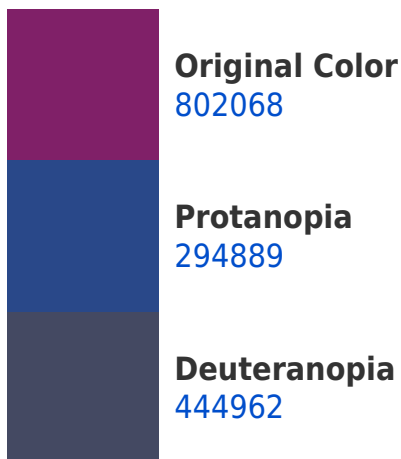



This preview shows how white text looks on a background with the Hex color 802068.

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
7B3134

Trichromacy



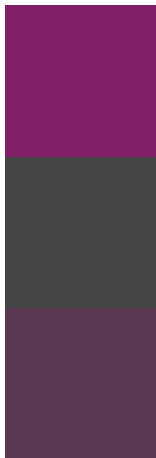
Original Color
802068

Protanomaly
49397D

Deuteranomaly
5A3A64

Tritanomaly
7D2B47

Monochromacy



Original Color
802068

Achromatopsia
454545

Achromatomaly
5A3852

CSS Examples

Text

The CSS property to change the color of the text to Hex 802068 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 #802068 looks like.

```
.text, #text, p{  
    color:#802068  
}
```

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 #802068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802068
}
```

Border

The CSS property to change the border of an element to Hex 802068 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
#802068 }
```

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

```
.border{ border-color:#802068 }
```

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

Here you see how a box with a 4 pixel #802068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802068; -webkit-box-shadow:4px 4px  
4px 4px #802068; box-shadow:4px 4px 4px  
4px #802068 }
```

Background

The CSS property to change the background color of an element to Hex 802068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802068 }
```

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

```
.background{ background-color:#802068 }
```

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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