

Converting Colors

Hex(804668)

Have a look what the booklet for
Hex(804668) contains.

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Color

Hex(804668)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 804668 |
| RGB | 128, 70, 104 |
| RGB Percent | 50%, 27%, 41% |
| CMY | 0.4980, 0.7255, 0.5922 |
| CMYK | 0.00, 0.45, 0.19, 0.50 |
| HSL | 325°, 29%, 39% |
| HSV | 325°, 45%, 50% |
| XYZ | 13.5909, 9.9690, 14.3046 |
| YIQ | 91.2180, 23.6540, 22.8700 |

Conversions

Conversions Part 2

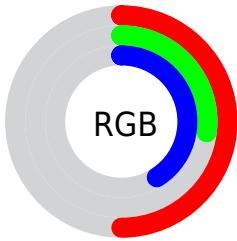
| Format | Color |
|-------------------------------------|---|
| RYB | 128, 70, 104 |
| Decimal | 8406632 |
| CIELab | 37.79, 29.62, -8.94 |
| CIELCh | 38, 30.940, 343.212 |
| Yxy | 9.9690, 0.3589, 0.2633 |
| Android (android.graphics.Color) | 4286596712 (0xFF804668) |
| YUV | 91.2180, 6.3015, 32.2578 |
| Hunter-Lab | 31.5737, 21.5815, -4.7600 |

Details

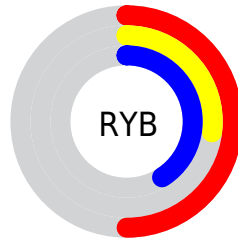
The Hex color **804668** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46805E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B6789B**, and **4D1739** is the 20% darker color. If you saturate the color by 10%, you get **803963**, and if you desaturate by 10%, it is **80536D**.

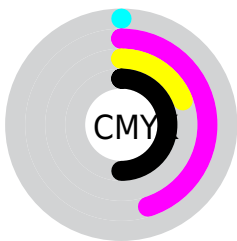
Distribution



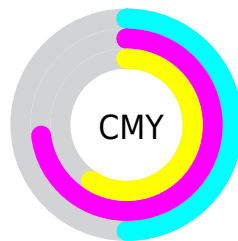
- Red (50%)
- Green (27%)
- Blue (41%)



- Red (50%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804668 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 804668 by changing the saturation by 10% instead.

 804668

 804668

FFFFFF

 662E50

 B6789B

 4D1739

 D292B6

 350023

 EFADD2

 20000D

 FFC9EE

 000000

 FFE5FF

 804668

 804668

 803963

 80536D

 802C5D

 806073

802058

806C78

801353

80797D

80064E

808682

80004B

809388

80A08D

80AC92

80B998

Harmonies

Analogous

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



694E7E



804668



88444F

Triad

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



804668



5D5B26



00647A

Complementary

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



804668



46805E

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.



006664



804668



416133

Square

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



804668



745329



1A654A



006088

Rectangle

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



804668



86473F



1A654A



006574

Sweetspot

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



804668



A68F9C



5D4680



54464E



D4D4D4



545454

Same Dimension

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



804668



A64C81



80464C



40393D



80004B



000000

Inverse Universe

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



804668



A64C81



46807A



40393D



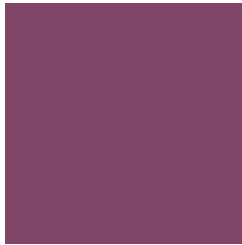
80004B



000000

Previews

White Background



This preview shows how the Hex color 804668 looks on a white background.

Color Contrast Check

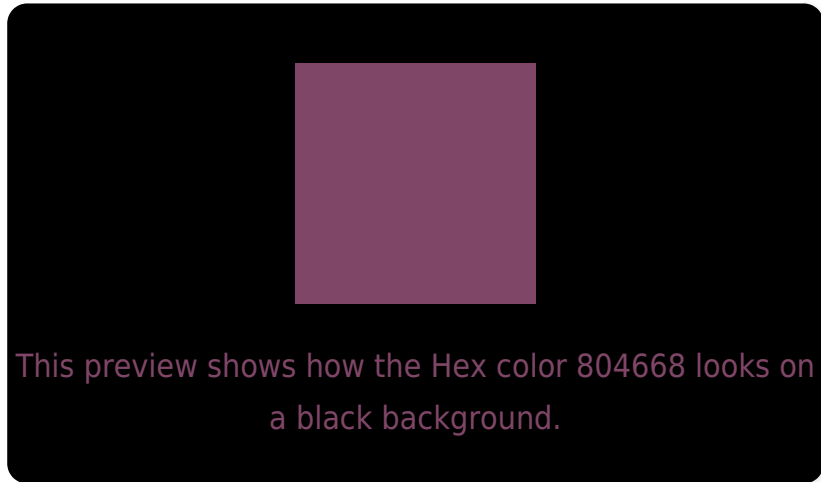
Large Text (above 18pt) WCAG AA ✓ Pass

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

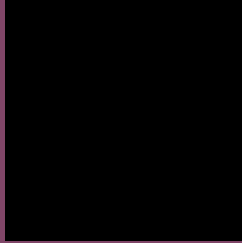
Any Text WCAG AA × Fail

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 804668 Background



This preview shows how black text looks on a background with the Hex color 804668.



This preview shows how white text looks on a background with the Hex color 804668.

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
7E4B50

Trichromacy



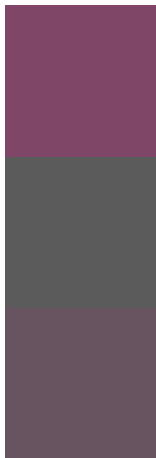
Original Color
804668

Protanomaly
635170

Deuteranomaly
6A5166

Tritanomaly
7F4959

Monochromacy



Original Color
804668

Achromatopsia
5B5B5B

Achromatomaly
685360

CSS Examples

Text

The CSS property to change the color of the text to Hex 804668 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 #804668 looks like.

```
.text, #text, p{  
    color:#804668  
}
```

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 #804668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804668
}
```

Border

The CSS property to change the border of an element to Hex 804668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

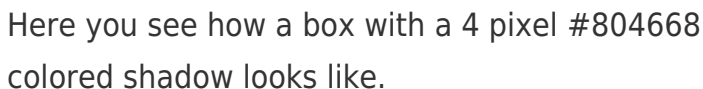
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804668 }
```

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

```
.border{ border-color:#804668 }
```

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



Here you see how a box with a 4 pixel #804668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804668; -webkit-box-shadow:4px 4px  
4px 4px #804668; box-shadow:4px 4px 4px  
4px #804668 }
```

Background

The CSS property to change the background color of an element to Hex 804668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804668 }
```

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

```
.background{ background-color:#804668 }
```

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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