

Converting Colors

Hex(800964)

Have a look what the booklet for
Hex(800964) contains.

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Color

Hex(800964)

Conversions

Conversions Part 1

Format	Color
Hex	800964
RGB	128, 9, 100
RGB Percent	50%, 4%, 39%
CMY	0.4980, 0.9647, 0.6078
CMYK	0.00, 0.93, 0.22, 0.50
HSL	314°, 87%, 27%
HSV	314°, 93%, 50%
XYZ	11.3000, 5.7047, 12.5621
YIQ	54.9550, 41.7130, 53.5290

Conversions

Conversions Part 2

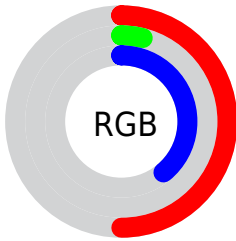
Format	Color
R_{YB}	128, 9, 100
Decimal	8391012
CIE _{Lab}	28.65, 53.38, -20.37
CIE _{LCh}	29, 57.136, 339.110
Yxy	5.7047, 0.3822, 0.1929
Android (android.graphics.Color)	4286581092 (0xFF800964)
YUV	54.9550, 22.2072, 64.0605
Hunter-Lab	23.8844, 42.6527, -14.4647

Details

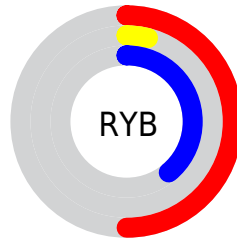
The Hex color **800964** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **098025**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B84A97**, and **4A0035** is the 20% darker color. If you saturate the color by 10%, you get **800062**, and if you desaturate by 10%, it is **801667**.

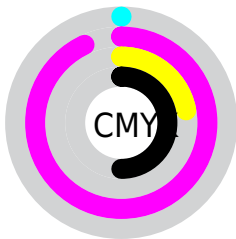
Distribution



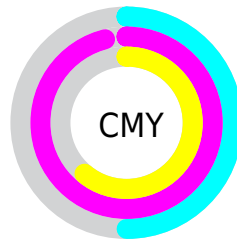
- Red (50%)
- Green (4%)
- Blue (39%)



- Red (50%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (93%)
- Yellow (22%)
- Black (50%)



- Cyan (50%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800964 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 800964 by changing the saturation by 10% instead.

800964

800964

FFFFFF

65004C

B84A97

4A0035

D565B2

330020

F380CD

0B0002

FF9CEA

000000

FFB8FF

FFD4FF

FFF1FF

800964

800964

■ 800062

■ 801667

■ 80236A

■ 802F6D

■ 803C70

■ 804973

■ 805676

■ 806379

■ 806F7C

■ 807C7F

Harmonies

Analogous

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



523089



800964



8E0038

Triad

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



800964



484600



00557B

Complementary

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



800964



098025

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.



005650



800964



0F4F00

Square

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



800964



6C3500



005422



005197

Rectangle

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



800964



8A091C



005422



00566E

Sweetspot

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



800964



A6779B



250980



54384D



D4D4D4



545454

Same Dimension

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



800964



A6007F



800929



40393E



800062



000000

Inverse Universe

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



800964



A6007F



098060



40393E



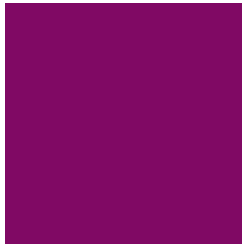
800062



000000

Previews

White Background



This preview shows how the Hex color 800964 looks on a white background.

Color Contrast Check

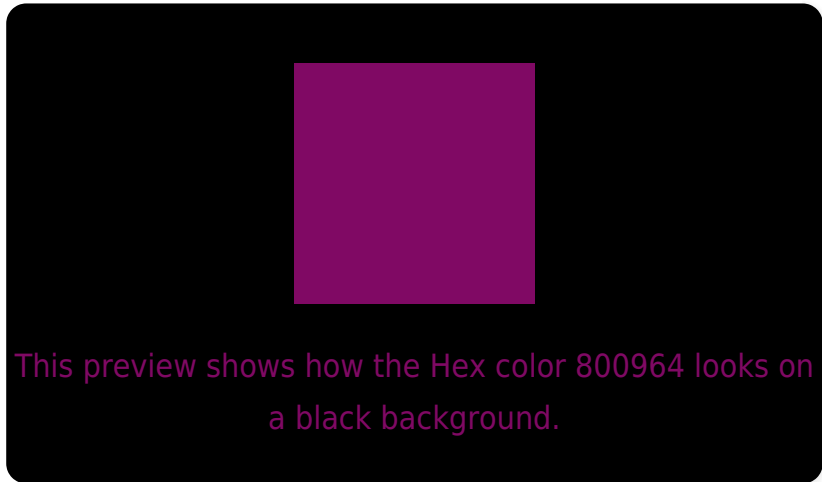
Large Text (above 18pt) WCAG AA ✓ Pass

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

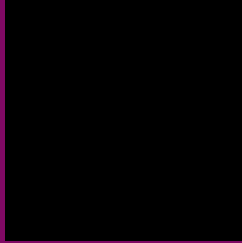
Any Text WCAG AA × Fail

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 800964 Background



This preview shows how black text looks on a background with the Hex color 800964.




This preview shows how white text looks on a background with the Hex color 800964.

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
7B282A

Trichromacy



Original Color
800964

Protanomaly
3B2F7E

Deuteranomaly
572F60

Tritanomaly
7D1D3F

Monochromacy



Original Color
800964

Achromatopsia
373737

Achromatomaly
522647

CSS Examples

Text

The CSS property to change the color of the text to Hex 800964 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 #800964 looks like.

```
.text, #text, p{  
    color:#800964  
}
```

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 #800964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800964
}
```

Border

The CSS property to change the border of an element to Hex 800964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

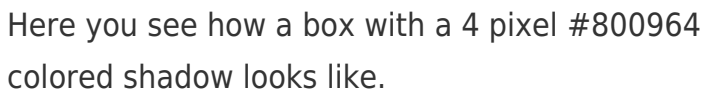
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800964 }
```

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

```
.border{ border-color:#800964 }
```

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



Here you see how a box with a 4 pixel #800964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800964; -webkit-box-shadow:4px 4px  
4px 4px #800964; box-shadow:4px 4px 4px  
4px #800964 }
```

Background

The CSS property to change the background color of an element to Hex 800964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800964 }
```

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

```
.background{ background-color:#800964 }
```

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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