

Converting Colors

Hex(800032)

Have a look what the booklet for
Hex(800032) contains.

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Color

Hex(800032)

Conversions

Conversions Part 1

Format	Color
Hex	800032
RGB	128, 0, 50
RGB Percent	50%, 0%, 20%
CMY	0.4980, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.61, 0.50
HSL	337°, 100%, 25%
HSV	337°, 100%, 50%
XYZ	9.4778, 4.8195, 3.4483
YIQ	43.9720, 60.2380, 42.6860

Conversions

Conversions Part 2

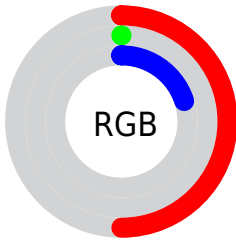
Format	Color
R_YB	128, 0, 50
Decimal	8388658
CIE Lab	26.21, 49.90, 9.51
CIE LCh	26, 50.800, 10.785
Yxy	4.8195, 0.5341, 0.2716
Android (android.graphics.Color)	4286578738 (0xFF800032)
YUV	43.9720, 2.9718, 73.6926
Hunter-Lab	21.9533, 38.6447, 6.0543

Details

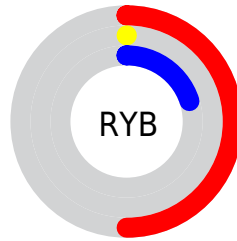
The Hex color **800032** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00804E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **BA4460**, and **480003** is the 20% darker color. If you saturate the color by 10%, you get **800032**, and if you desaturate by 10%, it is **800D3A**.

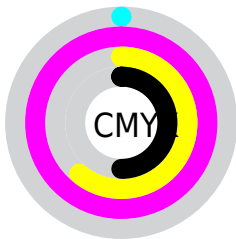
Distribution



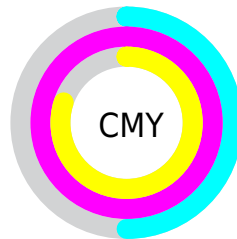
- Red (50%)
- Green (0%)
- Blue (20%)



- Red (50%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800032 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 800032 by changing the saturation by 10% instead.

 800032

 800032

FFFFFF

 64001D

 BA4460

 480003

 D85F79

 2D0002

 F67A92

 000000

 FF95AD

 FFB1C8

 FFC EE4

 FFEAFF

 800032

 800D3A

 801A42

 802649

 803351

 804059

 804D61

 805A69

 806670

 807378

Harmonies

Analogous

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



750F58



800032



771C0C

Triad

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



800032



0F4900



004988

Complementary

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



800032



00804E

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.



004E70



800032



004D23

Square

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



800032



414100



004E4B



003F8B

Rectangle

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



800032



6A2C00



004E4B



004B82

Sweetspot

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



800032



A67487



4D0080



543642



D4D4D4



545454

Same Dimension

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



800032



A60041



800D00



40393C



000000

Inverse Universe

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



800032



A60041



007380



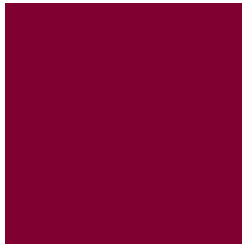
40393C



000000

Previews

White Background



This preview shows how the Hex color 800032 looks on a white background.

Color Contrast Check

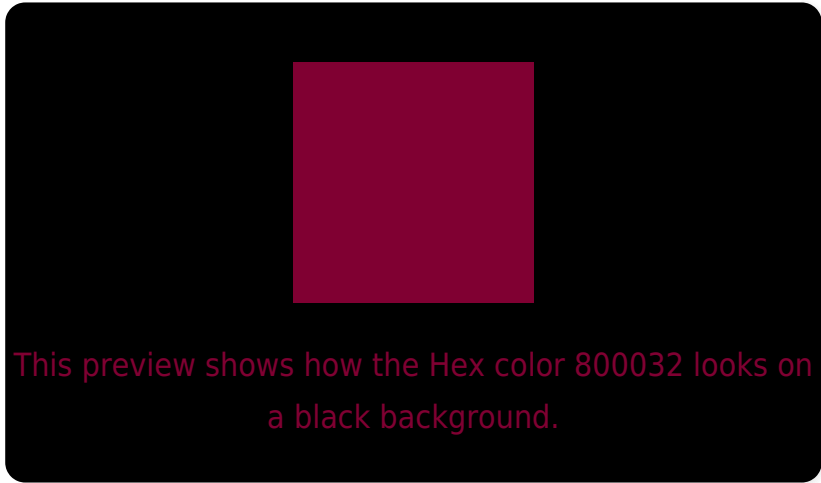
Large Text (above 18pt) WCAG AA ✓ Pass

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 800032 Background



This preview shows how black text looks on a background with the Hex color 800032.



This preview shows how white text looks on a background with the Hex color 800032.

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



Original Color
800032

Protanopia
414149

Deuteranopia
4F3F2D



Tritanopia
7F1413

Trichromacy



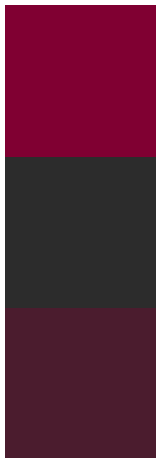
Original Color
800032

Protanomaly
582941

Deuteranomaly
61282F

Tritanomaly
7F0D1E

Monochromacy



Original Color
800032

Achromatopsia
2C2C2C

Achromatomaly
4B1C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 800032 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 #800032 looks like.

```
.text, #text, p{  
    color:#800032  
}
```

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 #800032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800032
}
```

Border

The CSS property to change the border of an element to Hex 800032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

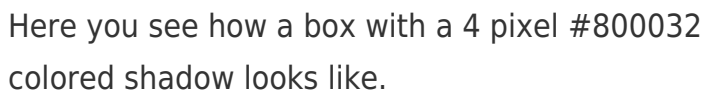
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800032 }
```

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

```
.border{ border-color:#800032 }
```

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



Here you see how a box with a 4 pixel #800032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800032; -webkit-box-shadow:4px 4px  
4px 4px #800032; box-shadow:4px 4px 4px  
4px #800032 }
```

Background

The CSS property to change the background color of an element to Hex 800032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800032 }
```

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

```
.background{ background-color:#800032 }
```

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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