

Converting Colors

Hex(800300)

Have a look what the booklet for
Hex(800300) contains.

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Color

Hex(800300)

Conversions

Conversions Part 1

Format	Color
Hex	800300
RGB	128, 3, 0
RGB Percent	50%, 1%, 0%
CMY	0.4980, 0.9882, 1.0000
CMYK	0.00, 0.98, 1.00, 0.50
HSL	1°, 100%, 25%
HSV	1°, 100%, 50%
XYZ	8.9346, 4.6543, 0.4275
YIQ	40.0330, 75.4630, 25.5670

Conversions

Conversions Part 2

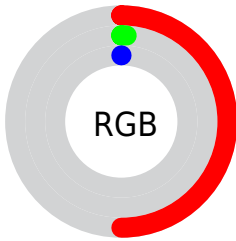
Format	Color
RYB	128, 3, 0
Decimal	8389376
CIELab	25.73, 47.49, 38.24
CIELCh	26, 60.972, 38.844
Yxy	4.6543, 0.6374, 0.3321
Android (android.graphics.Color)	4286579456 (0xFF800300)
YUV	40.0330, -19.7363, 77.1471
Hunter-Lab	21.5739, 36.1701, 13.9269

Details

The Hex color **800300** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **007D80**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **BD442F**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **800300**, and if you desaturate by 10%, it is **80100D**.

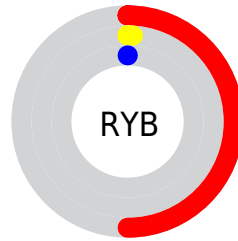
Distribution



Red (50%)

Green (1%)

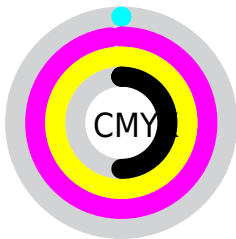
Blue (0%)



Red (50%)

Yellow (1%)

Blue (0%)

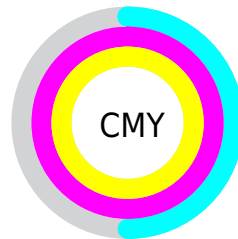


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800300 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 800300 by changing the saturation by 10% instead.

 800300

 800300

 FFFFE3

 620000

 BD442F

 450000

 DC5E46

 2A0001

 FB795E

 000000

 FF9477

 FFB091

 FFCCAB

 FFE9C7

 800300

 80100D

 801C1A

 802926

 803533

 804240

 804E4D

 805B5A

 806766

 807473

Harmonies

Analogous

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



8A0032



800300



652D00

Triad

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



800300



004D18



003F9B

Complementary

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



800300



007D80

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.



004B95



800300



004F4A

Square

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



800300



004900



004F77



4A2786

Rectangle

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



800300



4D3B00



004F77



00449C

Sweetspot

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



800300



A67574



80007E



543736



D4D4D4



545454

Same Dimension

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



800300



A60400



804200



403A39



000000

Inverse Universe

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



007D80



00A2A6



003E80



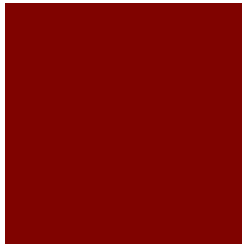
394040



000000

Previews

White Background



This preview shows how the Hex color 800300 looks on a white background.

Color Contrast Check

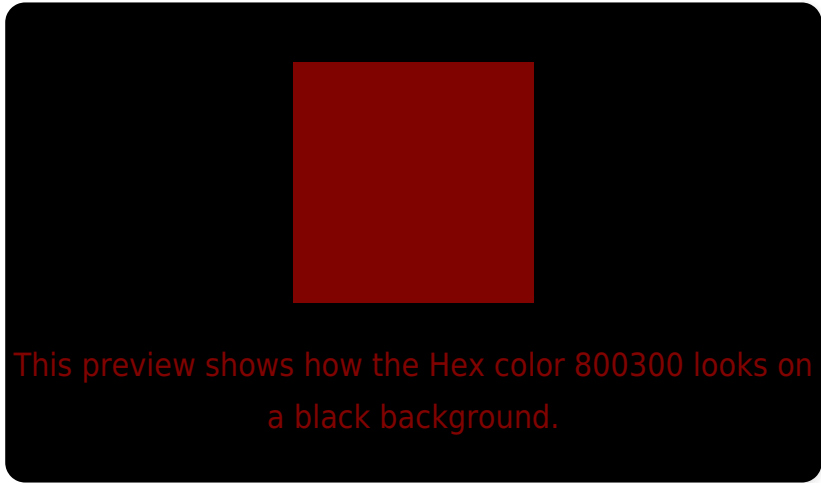
Large Text (above 18pt) WCAG AA ✓ Pass

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

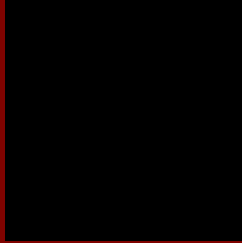
Any Text WCAG AA × Fail

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 800300 Background



This preview shows how black text looks on a background with the Hex color 800300.



This preview shows how white text looks on a background with the Hex color 800300.

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
800300

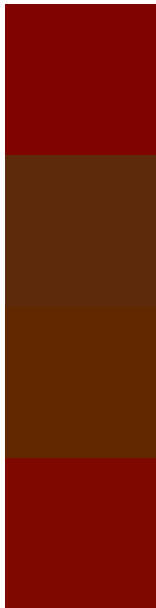
Protanopia
494111

Deuteranopia
513D00



Tritanopia
7F0C00

Trichromacy



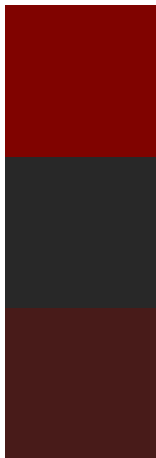
Original Color
800300

Protanomaly
5D2A0B

Deuteranomaly
622800

Tritanomaly
7F0900

Monochromacy



Original Color
800300

Achromatopsia
282828

Achromatomaly
481B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 800300 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 #800300 looks like.

```
.text, #text, p{  
    color:#800300  
}
```

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 #800300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800300
}
```

Border

The CSS property to change the border of an element to Hex 800300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

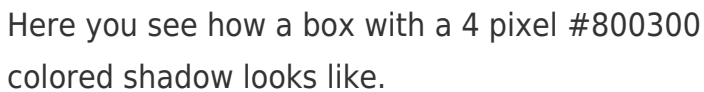
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800300 }
```

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

```
.border{ border-color:#800300 }
```

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



Here you see how a box with a 4 pixel #800300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800300; -webkit-box-shadow:4px 4px  
4px 4px #800300; box-shadow:4px 4px 4px  
4px #800300 }
```

Background

The CSS property to change the background color of an element to Hex 800300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800300 }
```

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

```
.background{ background-color:#800300 }
```

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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