

Converting Colors

Hex(801232)

Have a look what the booklet for
Hex(801232) contains.

Hex(801232)	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(801232)

Conversions

Conversions Part 1

Format	Color
Hex	801232
RGB	128, 18, 50
RGB Percent	50%, 7%, 20%
CMY	0.4980, 0.9294, 0.8039
CMYK	0.00, 0.86, 0.61, 0.50
HSL	343°, 75%, 29%
HSV	343°, 86%, 50%
XYZ	9.6941, 5.2521, 3.5204
YIQ	54.5380, 55.2880, 33.2720

Conversions

Conversions Part 2

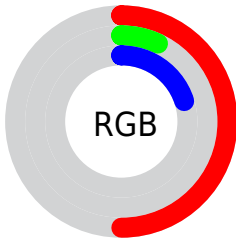
Format	Color
R_{YB}	128, 18, 50
Decimal	8393266
CIE Lab	27.44, 46.36, 11.18
CIE LCh	27, 47.694, 13.561
Yxy	5.2521, 0.5250, 0.2844
Android (android.graphics.Color)	4286583346 (0xFF801232)
YUV	54.5380, -2.2372, 64.4262
Hunter-Lab	22.9175, 35.4002, 6.9345

Details

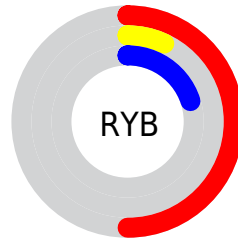
The Hex color **801232** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128060**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BA4B60**, and **480003** is the 20% darker color. If you saturate the color by 10%, you get **800529**, and if you desaturate by 10%, it is **801F3B**.

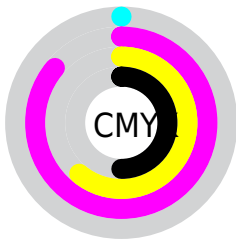
Distribution



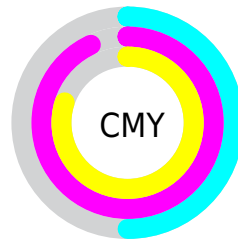
- Red (50%)
- Green (7%)
- Blue (20%)



- Red (50%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (61%)
- Black (50%)



- Cyan (50%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801232 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 801232 by changing the saturation by 10% instead.

 801232

 801232

FFFFFF

 64001D

 BA4B60

 480003

 D86679

 2F0002

 F68192

 000000

 FF9CAD

 FFB8C8

 FFD4E4

 FFF1FF

 801232

 801232

■ 800529

■ 801F3B

■ 800025

■ 802C44

■ 80384D

■ 804556

■ 80525F

■ 805F68

■ 806C72

■ 80787B

■ 808584

Harmonies

Analogous

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



771856



801232



77250F

Triad

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



801232



114C01



004B87

Complementary

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



801232



128060

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.



005073



801232



004F2B

Square

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



801232



414400



005151



004089

Rectangle

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



801232



693200



005151



004D83

Sweetspot

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



801232



A67B87



5F1280



543A42



D4D4D4



545454

Same Dimension

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



801232



A60030



802812



40393B



800025



000000

Inverse Universe

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



801232



A60030



126A80



40393B



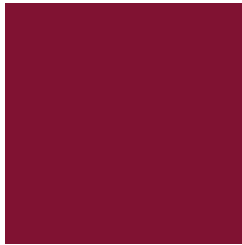
800025



000000

Previews

White Background



This preview shows how the Hex color 801232 looks on a white background.

Color Contrast Check

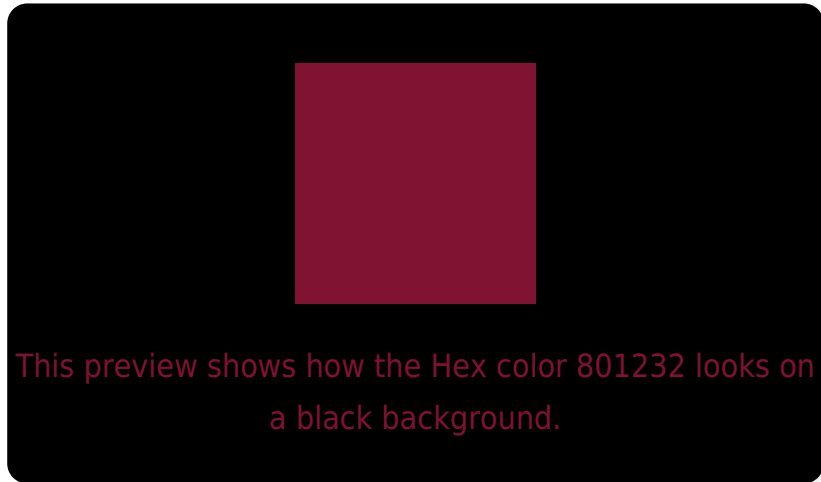
Large Text (above 18pt) WCAG AA ✓ Pass

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 801232 Background



This preview shows how black text looks on a background with the Hex color 801232.



This preview shows how white text looks on a background with the Hex color 801232.

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
801232

Protanopia
434347

Deuteranopia
50402D



Tritanopia
7F1919

Trichromacy



Original Color
801232

Protanomaly
59313F

Deuteranomaly
612F2F

Tritanomaly
7F1622

Monochromacy



Original Color
801232

Achromatopsia
373737

Achromatomaly
522A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 801232 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 #801232 looks like.

```
.text, #text, p{  
    color:#801232  
}
```

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 #801232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801232
}
```

Border

The CSS property to change the border of an element to Hex 801232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

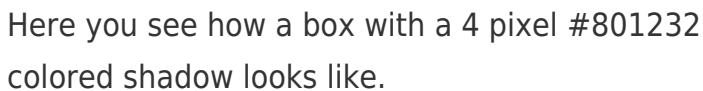
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801232 }
```

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

```
.border{ border-color:#801232 }
```

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



Here you see how a box with a 4 pixel #801232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801232; -webkit-box-shadow:4px 4px  
4px 4px #801232; box-shadow:4px 4px 4px  
4px #801232 }
```

Background

The CSS property to change the background color of an element to Hex 801232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801232 }
```

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

```
.background{ background-color:#801232 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor