

Converting Colors

Hex(8D0023)

Have a look what the booklet for
Hex(8D0023) contains.

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Color

Hex(8D0023)

Conversions

Conversions Part 1

Format	Color
Hex	8D0023
RGB	141, 0, 35
RGB Percent	55%, 0%, 14%
CMY	0.4471, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.75, 0.45
HSL	345°, 100%, 28%
HSV	345°, 100%, 55%
XYZ	11.2879, 5.7841, 2.1116
YIQ	46.1490, 72.8010, 40.7770

Conversions

Conversions Part 2

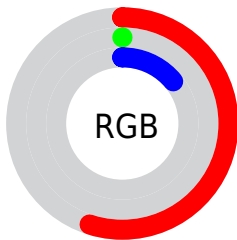
Format	Color
R_{YB}	141, 0, 35
Decimal	9240611
CIE _{Lab}	28.86, 52.40, 23.61
CIE _{LCh}	29, 57.477, 24.256
Yxy	5.7841, 0.5884, 0.3015
Android (android.graphics.Color)	4287430691 (0xFF8D0023)
YUV	46.1490, -5.4965, 83.1843
Hunter-Lab	24.0501, 41.6911, 11.6294

Details

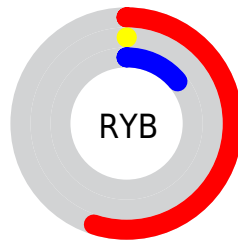
The Hex color **8D0023** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008D6A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **C9474F**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8D0023**, and if you desaturate by 10%, it is **8D0E2E**.

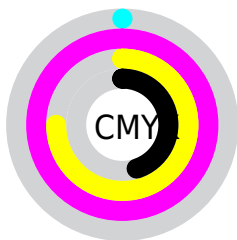
Distribution



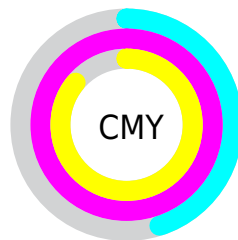
- Red (55%)
- Green (0%)
- Blue (14%)



- Red (55%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D0023 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 8D0023 by changing the saturation by 10% instead.

 8D0023

 8D0023

FFFFFF

 6F000E

 C9474F

 520000

 E86267

 380002

 FF7D80

 0B0000

 FF999A

 000000

 FFB5B5

 FFD2D1

 FFEFED

 8D0023

 8D0E2E

 8D1C38

 8D2A43

 8D384D

 8D4758

 8D5563

 8D636D

 8D7178

 8D7F82

Harmonies

Analogous

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



8B004F



8D0023



7B2900

Triad

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



8D0023



005305



004D9E

Complementary

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



8D0023



008D6A

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.



00548C



8D0023



00563A

Square

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



8D0023



324C00



005668



203C96

Rectangle

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



8D0023



673900



005668



00509B

Sweetspot

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



8D0023



B8818E



6A008D



5C3B43



DBDBDB



5C5C5C

Same Dimension

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



8D0023



B8002E



8D2300



474042



870022



080002

Inverse Universe

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



8D0023



B8002E



006A8D



474042



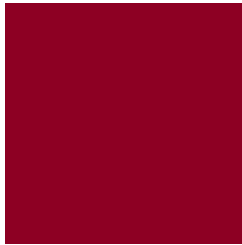
870022



080002

Previews

White Background



This preview shows how the Hex color 8D0023 looks on a white background.

Color Contrast Check

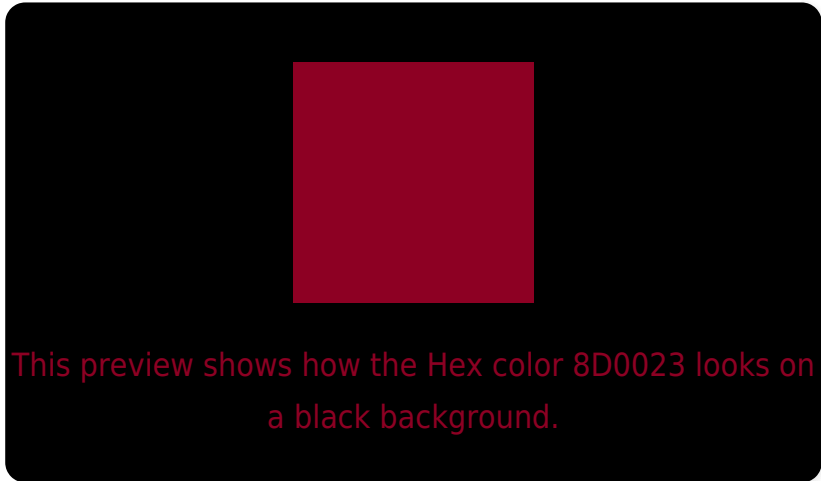
Large Text (above 18pt) WCAG AA ✓ Pass

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

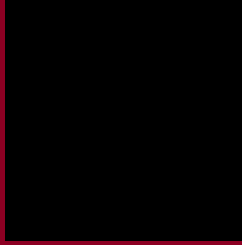
Any Text WCAG AA × Fail

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 8D0023 Background



This preview shows how black text looks on a background with the Hex color 8D0023.



This preview shows how white text looks on a background with the Hex color 8D0023.

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
8D0023

Protanopia
4D4835

Deuteranopia
59441B

Trichromacy



Original Color
8D0023

Protanomaly
642E2E

Deuteranomaly
6C2B1E

Tritanomaly
8D0912

Monochromacy



Original Color
8D0023

Achromatopsia
2E2E2E

Achromatomaly
511D2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D0023 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 #8D0023 looks like.

```
.text, #text, p{  
    color:#8D0023  
}
```

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 #8D0023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D0023
}
```

Border

The CSS property to change the border of an element to Hex 8D0023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

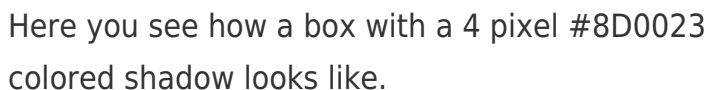
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D0023 }
```

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

```
.border{ border-color:#8D0023 }
```

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



Here you see how a box with a 4 pixel #8D0023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D0023; -webkit-box-shadow:4px 4px  
4px 4px #8D0023; box-shadow:4px 4px 4px  
4px #8D0023 }
```

Background

The CSS property to change the background color of an element to Hex 8D0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D0023 }
```

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

```
.background{ background-color:#8D0023 }
```

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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