

Converting Colors

Hex(8D0038)

Have a look what the booklet for
Hex(8D0038) contains.

Hex(8D0038)	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(8D0038)

Conversions

Conversions Part 1

Format	Color
Hex	8D0038
RGB	141, 0, 56
RGB Percent	55%, 0%, 22%
CMY	0.4471, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.60, 0.45
HSL	336°, 100%, 28%
HSV	336°, 100%, 55%
XYZ	11.6983, 5.9482, 4.2729
YIQ	48.5430, 66.0600, 47.3080

Conversions

Conversions Part 2

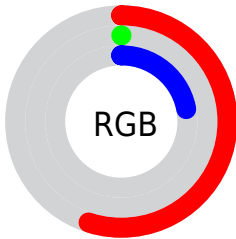
Format	Color
R_{YB}	141, 0, 56
Decimal	9240632
CIE Lab	29.28, 53.53, 10.11
CIE LCh	29, 54.480, 10.691
Yxy	5.9482, 0.5337, 0.2714
Android (android.graphics.Color)	4287430712 (0xFF8D0038)
YUV	48.5430, 3.6763, 81.0848
Hunter-Lab	24.3890, 42.9376, 6.6848

Details

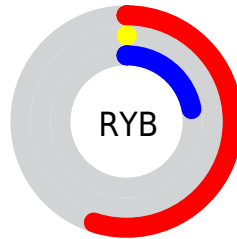
The Hex color **8D0038** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008D55**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **C84766**, and **54000D** is the 20% darker color. If you saturate the color by 10%, you get **8D0038**, and if you desaturate by 10%, it is **8D0E40**.

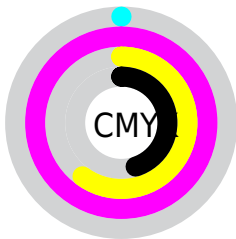
Distribution



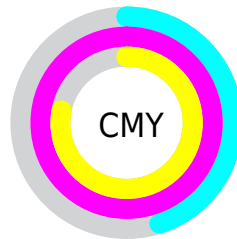
- Red (55%)
- Green (0%)
- Blue (22%)



- Red (55%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D0038 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 8D0038 by changing the saturation by 10% instead.

 8D0038

 8D0038

FFFFFF

 700023

 C84766

 54000D

 E6637F

 3A0002

 FF7E99

 110000

 FF9AB4

 000000

 FFB6D0

 FFD3EC

 FFF0FF

 8D0038

 8D0E40

 8D1C49

 8D2A51

 8D385A

 8D4762

 8D556B

 8D6374

 8D717C

 8D7F85

Harmonies

Analogous

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



811262



8D0038



84200E

Triad

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



8D0038



115100



005195

Complementary

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



8D0038



008D55

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.



00567C



8D0038



005527

Square

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



8D0038



484800



005754



004699

Rectangle

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



8D0038



753100



005754



00538F

Sweetspot

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



8D0038



B88196



55008D



5C3B48



DBDBDB



5C5C5C

Same Dimension

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



8D0038



B80049



8D0E00



474043



870036



080003

Inverse Universe

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



8D0038



B80049



007F8D



474043



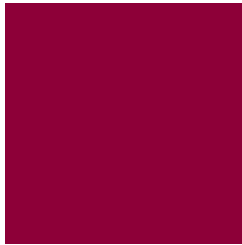
870036



080003

Previews

White Background



This preview shows how the Hex color 8D0038 looks on a white background.

Color Contrast Check

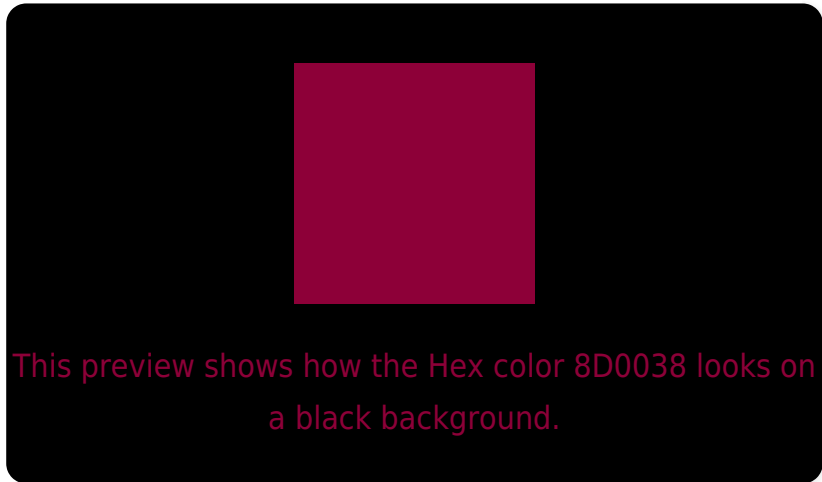
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D0038 Background



This preview shows how black text looks on a background with the Hex color 8D0038.



This preview shows how white text looks on a background with the Hex color 8D0038.

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
8D0038

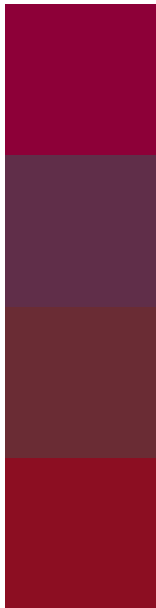
Protanopia
474852

Deuteranopia
564532



Tritanopia
8C1615

Trichromacy



Original Color
8D0038

Protanomaly
602E49

Deuteranomaly
6A2C34

Tritanomaly
8C0E22

Monochromacy



Original Color
8D0038

Achromatopsia
313131

Achromatomaly
521F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D0038 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 #8D0038 looks like.

```
.text, #text, p{  
    color:#8D0038  
}
```

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 #8D0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D0038
}
```

Border

The CSS property to change the border of an element to Hex 8D0038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

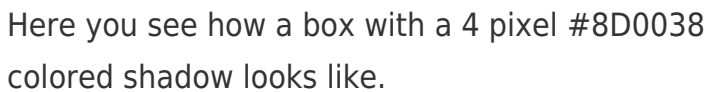
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D0038 }
```

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

```
.border{ border-color:#8D0038 }
```

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



Here you see how a box with a 4 pixel #8D0038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D0038; -webkit-box-shadow:4px 4px  
4px 4px #8D0038; box-shadow:4px 4px 4px  
4px #8D0038 }
```

Background

The CSS property to change the background color of an element to Hex 8D0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D0038 }
```

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

```
.background{ background-color:#8D0038 }
```

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