

Converting Colors

Hex(8B0038)

Have a look what the booklet for
Hex(8B0038) contains.

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Color

Hex(8B0038)

Conversions

Conversions Part 1

Format	Color
Hex	8B0038
RGB	139, 0, 56
RGB Percent	55%, 0%, 22%
CMY	0.4549, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.60, 0.45
HSL	336°, 100%, 27%
HSV	336°, 100%, 55%
XYZ	11.3613, 5.7745, 4.2572
YIQ	47.9450, 64.8680, 46.8840

Conversions

Conversions Part 2

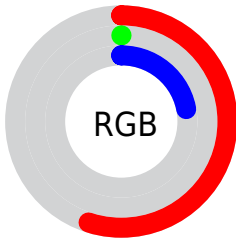
Format	Color
RYB	139, 0, 56
Decimal	9109560
CIELab	28.84, 53.04, 9.42
CIELCh	29, 53.872, 10.073
Yxy	5.7745, 0.5311, 0.2699
Android (android.graphics.Color)	4287299640 (0xFF8B0038)
YUV	47.9450, 3.9711, 79.8552
Hunter-Lab	24.0302, 42.3406, 6.3174

Details

The Hex color **8B0038** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008B53**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **C64767**, and **52000D** is the 20% darker color. If you saturate the color by 10%, you get **8B0038**, and if you desaturate by 10%, it is **8B0E40**.

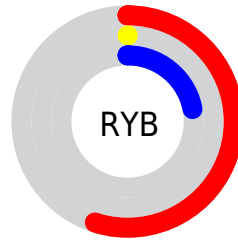
Distribution



Red (55%)

Green (0%)

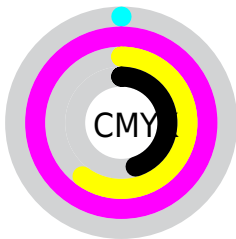
Blue (22%)



Red (55%)

Yellow (0%)

Blue (22%)

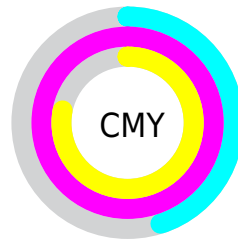


Cyan (0%)

Magenta (100%)

Yellow (60%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B0038 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 8B0038 by changing the saturation by 10% instead.

 8B0038

 8B0038

FFFFFF

 6E0023

 C64767

 52000D

 E4627F

 380002

 FF7E99

 0D0000

 FF99B4

 000000

 FFB5D0

 FFD2EC

 FFEFFF

 8B0038

 8B0E40

 8B1C49

 8B2A51

 8B3859

 8B4662

 8B536A

 8B6172

 8B6F7A

 8B7D83

Harmonies

Analogous

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



7E1361



8B0038



821F0F

Triad

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



8B0038



134F00



005093

Complementary

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



8B0038



008B53

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.



005579



8B0038



005425

Square

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



8B0038



484700



005551



004597

Rectangle

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



8B0038



733000



005551



00528D

Sweetspot

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



8B0038



B57F95



51008B



5C3B48



DBDBDB



5C5C5C

Same Dimension

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



8B0038



B50049



8B0C00



453E41



850035



050002

Inverse Universe

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



8B0038



B50049



007F8B



453E41



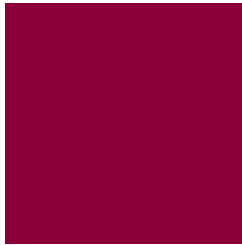
850035



050002

Previews

White Background



This preview shows how the Hex color 8B0038 looks on a white background.

Color Contrast Check

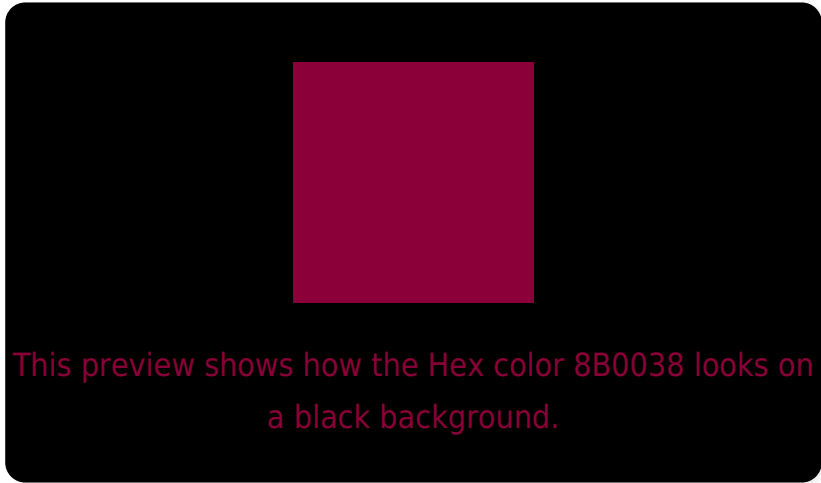
Large Text (above 18pt) WCAG AA ✓ Pass

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

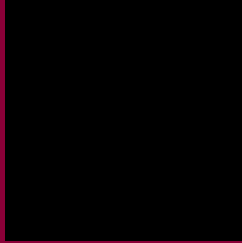
Any Text WCAG AA × Fail

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 8B0038 Background



This preview shows how black text looks on a background with the Hex color 8B0038.



This preview shows how white text looks on a background with the Hex color 8B0038.

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
8B0038

Protanopia
464752

Deuteranopia
554432



Tritanopia
8A1615

Trichromacy



Original Color
8B0038

Protanomaly
5F2D49

Deuteranomaly
692B34

Tritanomaly
8A0E22

Monochromacy



Original Color
8B0038

Achromatopsia
303030

Achromatomaly
511F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B0038 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 #8B0038 looks like.

```
.text, #text, p{  
    color:#8B0038  
}
```

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 #8B0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0038
}
```

Border

The CSS property to change the border of an element to Hex 8B0038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

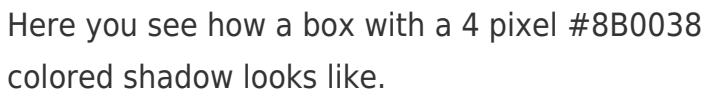
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0038 }
```

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

```
.border{ border-color:#8B0038 }
```

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



Here you see how a box with a 4 pixel #8B0038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0038; -webkit-box-shadow:4px 4px  
4px 4px #8B0038; box-shadow:4px 4px 4px  
4px #8B0038 }
```

Background

The CSS property to change the background color of an element to Hex 8B0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0038 }
```

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

```
.background{ background-color:#8B0038 }
```

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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