

# Converting Colors

Hex(8B0041)

Have a look what the booklet for  
Hex(8B0041) contains.

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**Color**

**Hex(8B0041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B0041
RGB	139, 0, 65
RGB Percent	55%, 0%, 25%
CMY	0.4549, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.53, 0.45
HSL	332°, 100%, 27%
HSV	332°, 100%, 55%
XYZ	11.6016, 5.8706, 5.5227
YIQ	48.9710, 61.9790, 49.6830

# Conversions

## Conversions Part 2

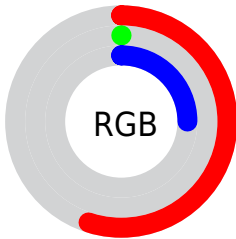
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 0, 65
Decimal	9109569
CIE <sub>Lab</sub>	29.08, 53.70, 3.70
CIE <sub>LCh</sub>	29, 53.826, 3.939
Yxy	5.8706, 0.5045, 0.2553
Android (android.graphics.Color)	4287299649 (0xFF8B0041)
YUV	48.9710, 7.9023, 78.9554
Hunter-Lab	24.2294, 43.0687, 3.4463

# Details

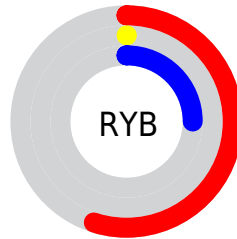
The Hex color **8B0041** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008B4A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C64771**, and **520017** is the 20% darker color. If you saturate the color by 10%, you get **8B0041**, and if you desaturate by 10%, it is **8B0E48**.

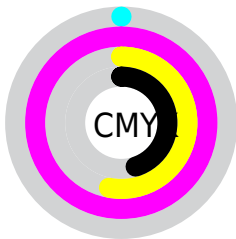
# Distribution



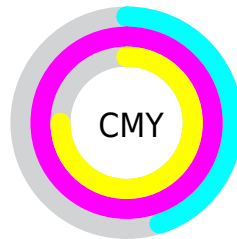
- Red (55%)
- Green (0%)
- Blue (25%)



- Red (55%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B0041 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 8B0041 by changing the saturation by 10% instead.



 8B0041

 8B0041

FFFFFF

 6E002B

 C64771

 520017

 E4638A

 390002

 FF7EA4

 100000

 FF9ABF

 000000

 FFB6DB

 FFD3F7

 FFF0FF

 8B0041

 8B0E48

 8B1C50

 8B2A57

 8B385F

 8B4666

 8B536D

 8B6175

 8B6F7C

 8B7D84

# Harmonies

## Analogous

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



791B6A



8B0041



861A18

# Triad

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



8B0041



234F00



005290

# Complementary

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



8B0041



008B4A

# 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.



005672



8B0041



00541D

# Square

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



8B0041



504500



005649



004999

# Rectangle

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



8B0041



792C00



005649



005488



# Sweetspot

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



8B0041



B57F98



48008B



5C3B4A



DBDBDB



5C5C5C



# Same Dimension

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



8B0041



B50055



8B0200



453E41



85003E



050002



# Inverse Universe

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



8B0041



B50055



00898B



453E41



85003E

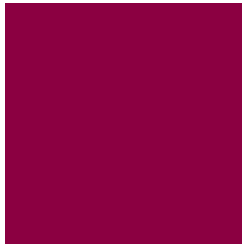


050002



# Previews

## White Background



This preview shows how the Hex color 8B0041 looks on a white background.

## Color Contrast Check

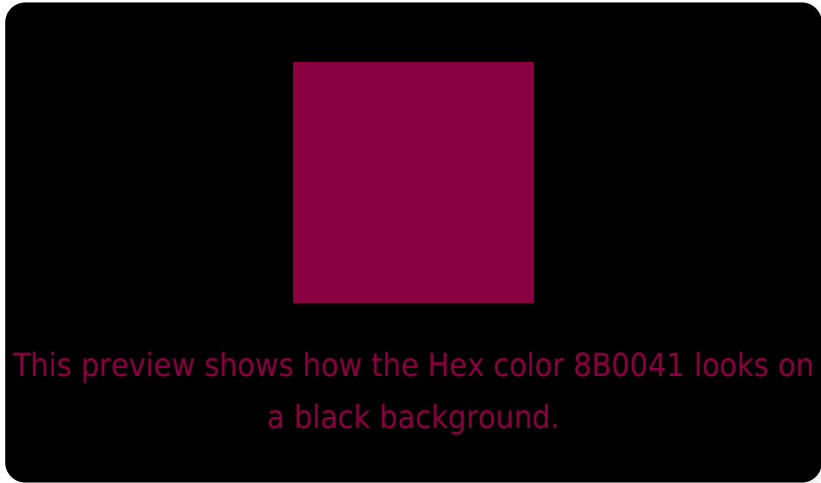
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B0041 Background



This preview shows how black text looks on a background with the Hex color 8B0041.



This preview shows how white text looks on a background with the Hex color 8B0041.

# 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**  
8B0041

**Protanopia**  
42475E

**Deuteranopia**  
53453B



**Tritanopia**  
891A1A

# Trichromacy



**Original Color**  
8B0041

**Protanomaly**  
5D2D53

**Deuteranomaly**  
672C3D

**Tritanomaly**  
8A1128

# Monochromacy



**Original Color**  
8B0041

**Achromatopsia**  
313131

**Achromatomaly**  
521F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B0041 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 #8B0041 looks like.

```
.text, #text, p{  
  color:#8B0041  
}
```

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 #8B0041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0041
}
```

## Border

The CSS property to change the border of an element to Hex 8B0041 is called "border". The border property can be set on classes, ids or directly on the HTML element.

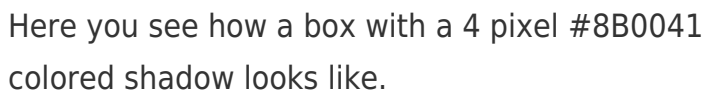
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0041 }
```

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

```
.border{ border-color:#8B0041 }
```

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



Here you see how a box with a 4 pixel #8B0041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0041; -webkit-box-shadow:4px 4px  
4px 4px #8B0041; box-shadow:4px 4px 4px  
4px #8B0041 }
```

# Background

The CSS property to change the background color of an element to Hex 8B0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0041 }
```

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

```
.background{ background-color:#8B0041 }
```

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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