

# Converting Colors

Hex(8B0073)

Have a look what the booklet for  
Hex(8B0073) contains.

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# Color

**Hex(8B0073)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B0073
RGB	139, 0, 115
RGB Percent	55%, 0%, 45%
CMY	0.4549, 1.0000, 0.5490
CMYK	0.00, 1.00, 0.17, 0.45
HSL	310°, 100%, 27%
HSV	310°, 100%, 55%
XYZ	13.7420, 6.7268, 16.7938
YIQ	54.6710, 45.9290, 65.2330

# Conversions

## Conversions Part 2

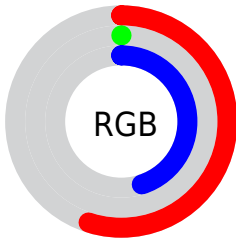
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 0, 115
Decimal	9109619
CIE <sub>Lab</sub>	31.18, 59.08, -25.92
CIE <sub>LCh</sub>	31, 64.514, 336.313
Yxy	6.7268, 0.3688, 0.1805
Android (android.graphics.Color)	4287299699 (0xFF8B0073)
YUV	54.6710, 29.7422, 73.9565
Hunter-Lab	25.9360, 49.1886, -20.2355

# Details

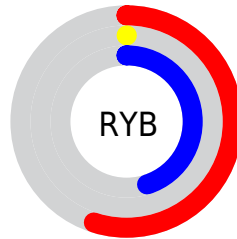
The Hex color **8B0073** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008B18**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **C44AA7**, and **540042** is the 20% darker color. If you saturate the color by 10%, you get **8B0073**, and if you desaturate by 10%, it is **8B0E75**.

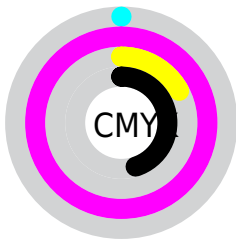
# Distribution



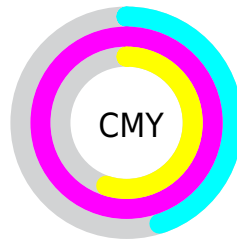
- Red (55%)
- Green (0%)
- Blue (45%)



- Red (55%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B0073 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 8B0073 by changing the saturation by 10% instead.



 8B0073

 8B0073

FFFFFF

 6F005A

 C44AA7

 540042

 E166C3

 3C002C

 FF81DF

 1E0016

 FF9DFB

 000000

 FFBAFF

 FFD7FF

 FFF4FF

 8B0073

 8B0E75

 8B1C78

 8B2A7A

 8B387D

 8B467F

 8B5381

 8B6184

 8B6F86

 8B7D89

# Harmonies

## Analogous

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



51359C



8B0073



9E0041

# Triad

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



8B0073



514B00



005D85

# Complementary

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



8B0073



008B18

# 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.



005D53



8B0073



145600

# Square

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



8B0073



7A3600



005B1D



0059A7

# Rectangle

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



8B0073



9B0021



005B1D



005E75



# Sweetspot

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



8B0073



B57FAC



17008B



5C3B56



DBDBDB



5C5C5C



# Same Dimension

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



8B0073



B50096



8B002E



453E44



85006E



050004



# Inverse Universe

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



8B0073



B50096



008B5D



453E44



85006E



050004



# Previews

## White Background



This preview shows how the Hex color 8B0073 looks on a white background.

## Color Contrast Check

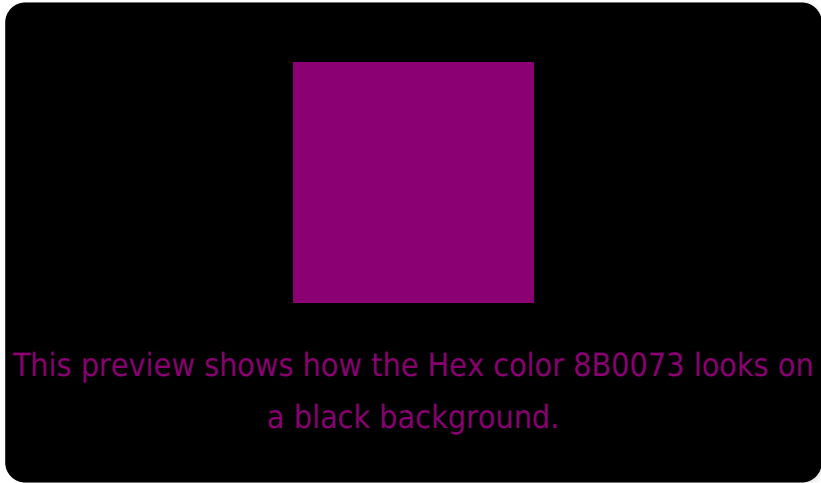
Large Text (above 18pt) WCAG AA ✓ Pass

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

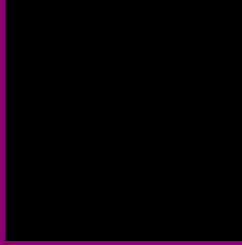
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B0073 Background



This preview shows how black text looks on a background with the Hex color 8B0073.

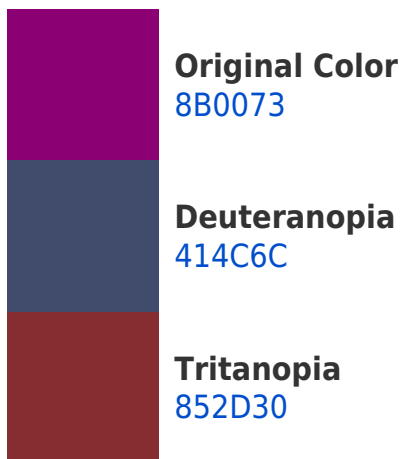


This preview shows how white text looks on a background with the Hex color 8B0073.

# 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



# Trichromacy



**Original Color**  
8B0073

**Deuteranomaly**  
5C306F

**Tritanomaly**  
871D48

# Monochromacy



**Original Color**  
8B0073

**Achromatopsia**  
373737

**Achromatomaly**  
56234D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B0073 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 #8B0073 looks like.

```
.text, #text, p{  
    color:#8B0073  
}
```

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 #8B0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0073
}
```

## Border

The CSS property to change the border of an element to Hex 8B0073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

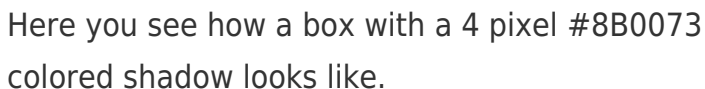
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0073 }
```

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

```
.border{ border-color:#8B0073 }
```

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



Here you see how a box with a 4 pixel #8B0073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0073; -webkit-box-shadow:4px 4px  
4px 4px #8B0073; box-shadow:4px 4px 4px  
4px #8B0073 }
```

# Background

The CSS property to change the background color of an element to Hex 8B0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0073 }
```

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

```
.background{ background-color:#8B0073 }
```

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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