

# Converting Colors

Hex(8B136B)

Have a look what the booklet for  
Hex(8B136B) contains.

<b>Hex(8B136B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8B136B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B136B
RGB	139, 19, 107
RGB Percent	55%, 7%, 42%
CMY	0.4549, 0.9255, 0.5804
CMYK	0.00, 0.86, 0.23, 0.45
HSL	316°, 76%, 31%
HSV	316°, 86%, 55%
XYZ	13.5342, 7.0162, 14.5509
YIQ	64.9120, 43.2720, 52.8080

# Conversions

## Conversions Part 2

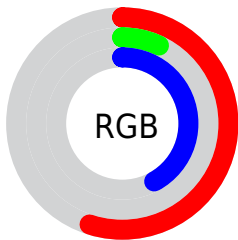
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 19, 107
Decimal	9114475
CIE <sub>Lab</sub>	31.84, 54.87, -19.76
CIE <sub>LCh</sub>	32, 58.323, 340.193
Yxy	7.0162, 0.3856, 0.1999
Android (android.graphics.Color)	4287304555 (0xFF8B136B)
YUV	64.9120, 20.7494, 64.9752
Hunter-Lab	26.4882, 44.8504, -14.0282

# Details

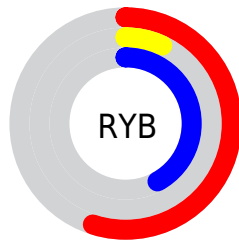
The Hex color **8B136B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **138B33**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **C4509F**, and **54003B** is the 20% darker color. If you saturate the color by 10%, you get **8B0567**, and if you desaturate by 10%, it is **8B216F**.

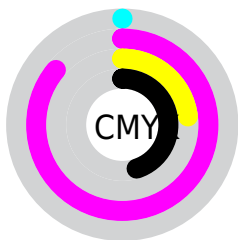
# Distribution



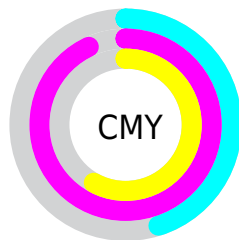
- Red (55%)
- Green (7%)
- Blue (42%)



- Red (55%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (86%)
- Yellow (23%)
- Black (45%)



- Cyan (45%)
- Magenta (93%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B136B 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 8B136B by changing the saturation by 10% instead.



 8B136B

 8B136B

FFFFFF

 6F0053

 C4509F

 54003B

 E16CBA

 3C0026

 FF87D5

 1F000E

 FFA3F2

 000000

 FFBFFF

 FFDCFF

 FFF9FF

 8B136B

 8B136B

■ 8B0567

■ 8B216F

■ 8B0066

■ 8B2F72

■ 8B3D76

■ 8B4B7A

■ 8B597E

■ 8B6681

■ 8B7485

■ 8B8289

■ 8B908C

# Harmonies

## Analogous

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



5D3692



8B136B



99003E

# Triad

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



8B136B



4F4E00



005D86

# Complementary

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



8B136B



138B33

# 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.



005E5A



8B136B



135800

# Square

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



8B136B



753D00



005C2A



0058A2

# Rectangle

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



8B136B



951620



005C2A



005E78



# Sweetspot

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



8B136B



B586A8



33138B



5C3F54



DBDBDB



5C5C5C



# Same Dimension

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



8B136B



B50085



8B132F



453E43



850061



050004



# Inverse Universe

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



8B136B



B50085



138B6F



453E43



850061



050004



# Previews

## White Background



This preview shows how the Hex color 8B136B looks on a white background.

## Color Contrast Check

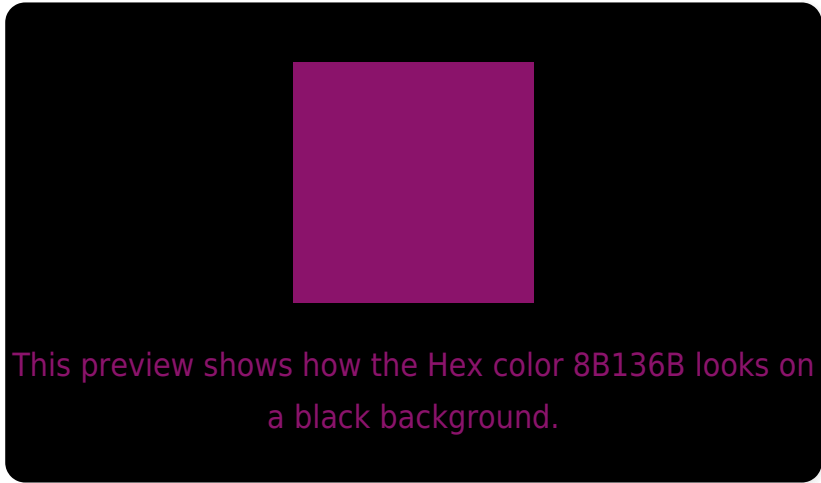
Large Text (above 18pt) WCAG AA ✓ Pass

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

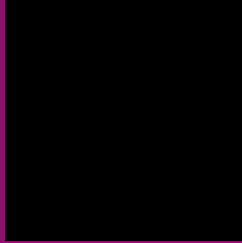
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B136B Background



This preview shows how black text looks on a background with the Hex color 8B136B.



This preview shows how white text looks on a background with the Hex color 8B136B.

# 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





**Tritanopia**  
862D2F

# Trichromacy



**Original Color**  
8B136B



**Protanomaly**  
483685



**Deuteranomaly**  
603767

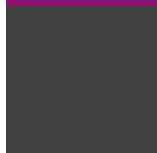


**Tritanomaly**  
882445

# Monochromacy



**Original Color**  
8B136B



**Achromatopsia**  
414141



**Achromatomaly**  
5C3050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B136B 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 #8B136B looks like.

```
.text, #text, p{  
    color:#8B136B  
}
```

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 #8B136B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B136B
}
```

## Border

The CSS property to change the border of an element to Hex 8B136B is called "border". The border property can be set on classes, ids or directly on the HTML element.

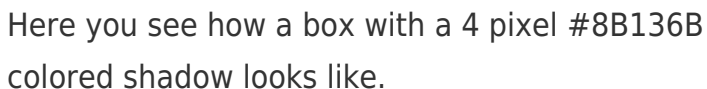
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B136B }
```

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

```
.border{ border-color:#8B136B }
```

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



Here you see how a box with a 4 pixel #8B136B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B136B; -webkit-box-shadow:4px 4px  
4px 4px #8B136B; box-shadow:4px 4px 4px  
4px #8B136B }
```

# Background

The CSS property to change the background color of an element to Hex 8B136B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B136B }
```

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

```
.background{ background-color:#8B136B }
```

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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