

# Converting Colors

Hex(8B1A6F)

Have a look what the booklet for  
Hex(8B1A6F) contains.

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# Color

**Hex(8B1A6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B1A6F
RGB	139, 26, 111
RGB Percent	55%, 10%, 44%
CMY	0.4549, 0.8980, 0.5647
CMYK	0.00, 0.81, 0.20, 0.45
HSL	315°, 68%, 32%
HSV	315°, 81%, 55%
XYZ	13.8861, 7.3755, 15.7307
YIQ	69.4770, 40.0630, 50.3910

# Conversions

## Conversions Part 2

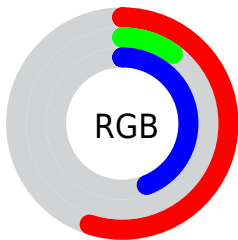
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 26, 111
Decimal	9116271
CIE <sub>Lab</sub>	32.65, 53.66, -21.07
CIE <sub>LCh</sub>	33, 57.645, 338.560
Yxy	7.3755, 0.3754, 0.1994
Android (android.graphics.Color)	4287306351 (0xFF8B1A6F)
YUV	69.4770, 20.4708, 60.9717
Hunter-Lab	27.1578, 43.7430, -15.3322

# Details

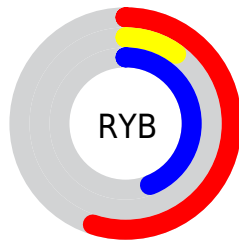
The Hex color **8B1A6F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1A8B36**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C454A3**, and **55003F** is the 20% darker color. If you saturate the color by 10%, you get **8B0C6C**, and if you desaturate by 10%, it is **8B2872**.

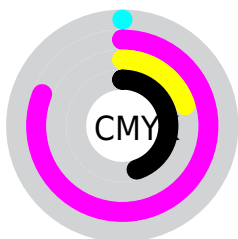
# Distribution



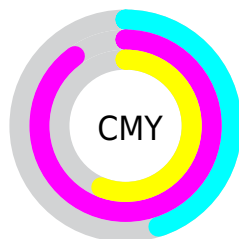
- Red (55%)
- Green (10%)
- Blue (44%)



- Red (55%)
- Yellow (10%)
- Blue (44%)



- Cyan (0%)
- Magenta (81%)
- Yellow (20%)
- Black (45%)



- Cyan (45%)
- Magenta (90%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B1A6F 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 8B1A6F by changing the saturation by 10% instead.





8B1A6F



8B1A6F

FFFFFF



700056



C454A3



55003F



E16FBE



3C0029



FF8BDA



200013



FFA7F6



000000



FFC3FF



FFE0FF



FFFDFF



8B1A6F



8B1A6F

■ 8B0C6C

■ 8B2872

■ 8B0069

■ 8B3676

■ 8B4479

■ 8B527D

■ 8B5F80

■ 8B6D84

■ 8B7B87

■ 8B898B

■ 8B978E

# Harmonies

## Analogous

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



5C3995



8B1A6F



9A0342

# Triad

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



8B1A6F



534F00



005F85

# Complementary

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



8B1A6F



1A8B36

# 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.



006059



8B1A6F



1D5900

# Square

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



8B1A6F



783E00



005E29



005BA2

# Rectangle

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



8B1A6F



971825



005E29



006077



# Sweetspot

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



8B1A6F



B58AAA



341A8B



5C4155



DBDBDB



5C5C5C



# Same Dimension

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



8B1A6F



B50489



8B1A38



453E43



850064



050004



# Inverse Universe

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



8B1A6F



B50489



1A8B6D



453E43



850064



050004



# Previews

## White Background



This preview shows how the Hex color 8B1A6F looks on a white background.

## Color Contrast Check

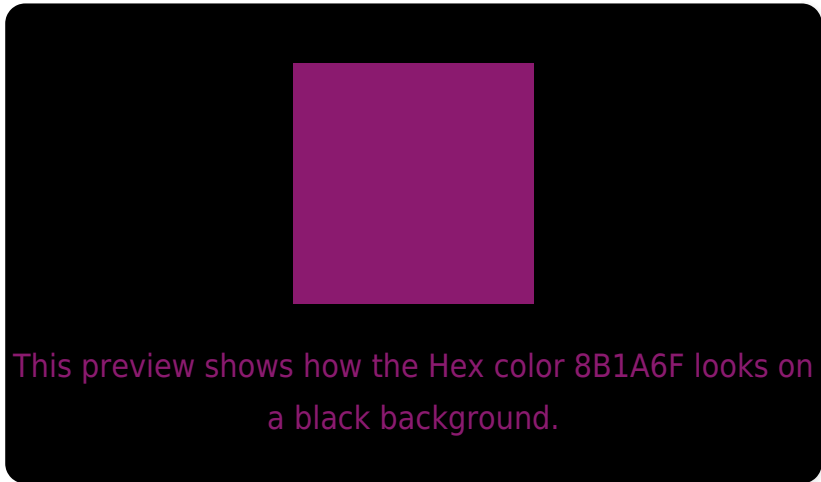
Large Text (above 18pt) WCAG AA ✓ Pass

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

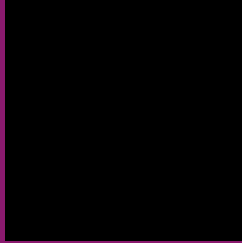
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B1A6F Background



This preview shows how black text looks on a background with the Hex color 8B1A6F.




This preview shows how white text looks on a background with the Hex color 8B1A6F.

# 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**  
863134

# Trichromacy



**Original Color**  
8B1A6F



**Protanomaly**  
493A88



**Deuteranomaly**  
603A6B



**Tritanomaly**  
882949

# Monochromacy



**Original Color**  
8B1A6F



**Achromatopsia**  
454545



**Achromatomaly**  
5E3554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B1A6F 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 #8B1A6F looks like.

```
.text, #text, p{  
    color:#8B1A6F  
}
```

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 #8B1A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1A6F
}
```

## Border

The CSS property to change the border of an element to Hex 8B1A6F 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
#8B1A6F }
```

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

```
.border{ border-color:#8B1A6F }
```

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

Here you see how a box with a 4 pixel #8B1A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1A6F; -webkit-box-shadow:4px 4px  
4px 4px #8B1A6F; box-shadow:4px 4px 4px  
4px #8B1A6F }
```

# Background

The CSS property to change the background color of an element to Hex 8B1A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1A6F }
```

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

```
.background{ background-color:#8B1A6F }
```

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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