

# Converting Colors

Hex(8F1B63)

Have a look what the booklet for  
Hex(8F1B63) contains.

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**Color**

**Hex(8F1B63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F1B63
RGB	143, 27, 99
RGB Percent	56%, 11%, 39%
CMY	0.4392, 0.8941, 0.6118
CMYK	0.00, 0.81, 0.31, 0.44
HSL	323°, 68%, 33%
HSV	323°, 81%, 56%
XYZ	13.9718, 7.5244, 12.5203
YIQ	69.8920, 46.0240, 46.9840

# Conversions

## Conversions Part 2

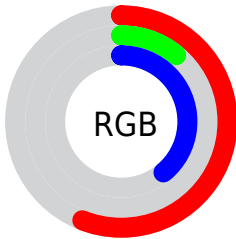
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 27, 99
Decimal	9378659
CIELab	32.97, 52.79, -12.82
CIElCh	33, 54.329, 346.350
Yxy	7.5244, 0.4107, 0.2212
Android (android.graphics.Color)	4287568739 (0xFF8F1B63)
YUV	69.8920, 14.3502, 64.1157
Hunter-Lab	27.4306, 42.9155, -7.8608

# Details

The Hex color **8F1B63** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1B8F47**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C85596**, and **580034** is the 20% darker color. If you saturate the color by 10%, you get **8F0D5E**, and if you desaturate by 10%, it is **8F2968**.

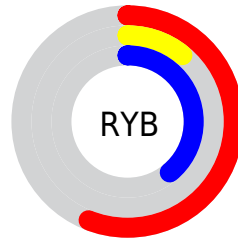
# Distribution



Red (56%)

Green (11%)

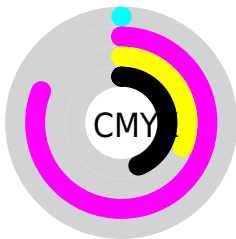
Blue (39%)



Red (56%)

Yellow (11%)

Blue (39%)

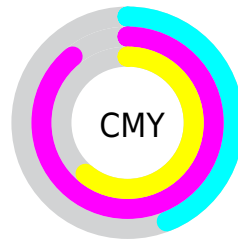


Cyan (0%)

Magenta (81%)

Yellow (31%)

Black (44%)



Cyan (44%)

Magenta (89%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F1B63 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 8F1B63 by changing the saturation by 10% instead.



 8F1B63

 8F1B63

FFFFFF

 73004B

 C85596

 580034

 E670B1

 3E001F

 FF8CCC

 240003


 FFA7E8

 000000

 FFC4FF

 FFE0FF

 FFFEFF

 8F1B63

 8F1B63

 8F0D5E

 8F2968

 8F0059

 8F386E

 8F4673

 8F5479

 8F627E

 8F7184

 8F7F89

 8F8D8E

 8F9C94

# Harmonies

## Analogous

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



6B3589



8F1B63



971738

# Triad

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



8F1B63



4A5300



005F8B

# Complementary

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



8F1B63



1B8F47

# 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.



006065



8F1B63



075B06

# Square

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



8F1B63



6F4400



005F38



0058A2

# Rectangle

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



8F1B63



91271D



005F38



005F80



# Sweetspot

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



8F1B63



BA8DA9



461B8F



5E4354



DEDEDE



5E5E5E



# Same Dimension

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



8F1B63



BA0676



8F1B2A



474045



870054



080005



# Inverse Universe

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



8F1B63



BA0676



1B8F80



474045



870054

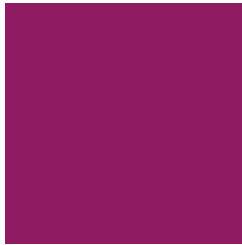


080005



# Previews

## White Background



This preview shows how the Hex color 8F1B63 looks on a white background.

## Color Contrast Check

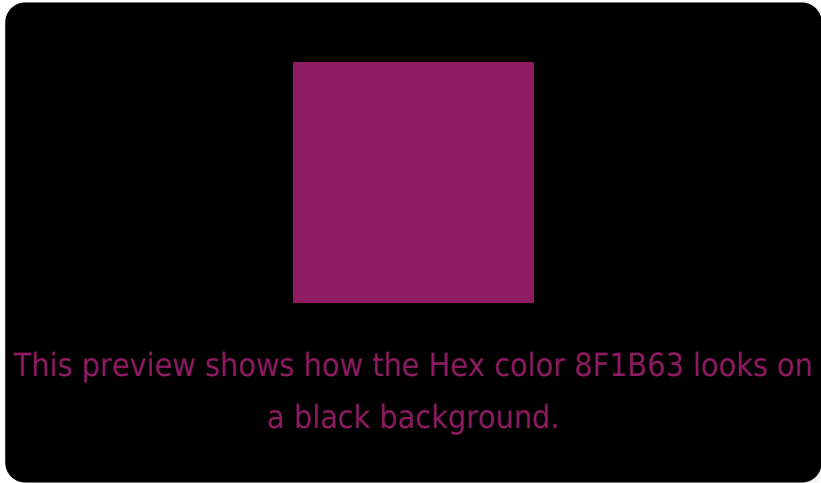
Large Text (above 18pt) WCAG AA ✓ Pass

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

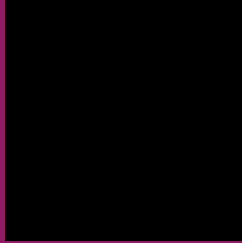
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F1B63 Background



This preview shows how black text looks on a background with the Hex color 8F1B63.

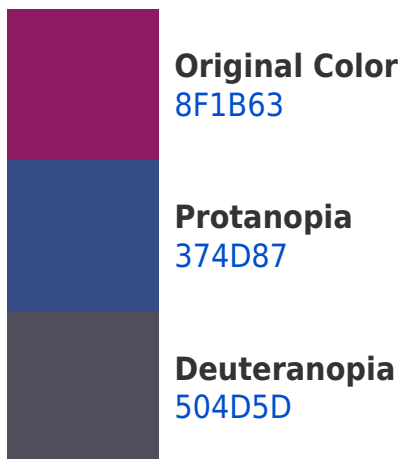


This preview shows how white text looks on a background with the Hex color 8F1B63.

# 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**  
8B2D30

# Trichromacy



**Original Color**  
8F1B63

**Protanomaly**  
573B7A

**Deuteranomaly**  
673B5F

**Tritanomaly**  
8C2643

# Monochromacy



**Original Color**  
8F1B63

**Achromatopsia**  
464646

**Achromatomaly**  
613651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F1B63 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 #8F1B63 looks like.

```
.text, #text, p{  
    color:#8F1B63  
}
```

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 #8F1B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F1B63
}
```

## Border

The CSS property to change the border of an element to Hex 8F1B63 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
#8F1B63 }
```

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

```
.border{ border-color:#8F1B63 }
```

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

Here you see how a box with a 4 pixel #8F1B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F1B63; -webkit-box-shadow:4px 4px  
4px 4px #8F1B63; box-shadow:4px 4px 4px  
4px #8F1B63 }
```

# Background

The CSS property to change the background color of an element to Hex 8F1B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F1B63 }
```

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

```
.background{ background-color:#8F1B63 }
```

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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