

# Converting Colors

Hex(8F0187)

Have a look what the booklet for  
Hex(8F0187) contains.

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**Color**

**Hex(8F0187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F0187
RGB	143, 1, 135
RGB Percent	56%, 0%, 53%
CMY	0.4392, 0.9961, 0.4706
CMYK	0.00, 0.99, 0.06, 0.44
HSL	303°, 99%, 28%
HSV	303°, 99%, 56%
XYZ	15.7117, 7.6106, 23.5626
YIQ	58.7340, 41.6180, 71.7780

# Conversions

## Conversions Part 2

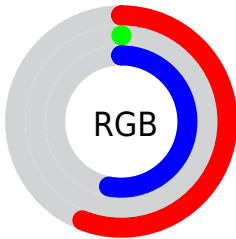
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 1, 135
Decimal	9372039
CIE <sub>Lab</sub>	33.16, 62.52, -35.32
CIE <sub>LCh</sub>	33, 71.806, 330.537
Yxy	7.6106, 0.3351, 0.1623
Android (android.graphics.Color)	4287562119 (0xFF8F0187)
YUV	58.7340, 37.5991, 73.9013
Hunter-Lab	27.5873, 53.3826, -31.3289

# Details

The Hex color **8F0187** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **018F09**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **C84CBD**, and **580055** is the 20% darker color. If you saturate the color by 10%, you get **8F0087**, and if you desaturate by 10%, it is **8F0F88**.

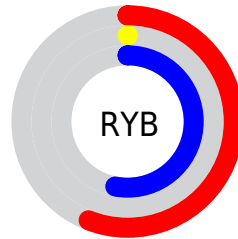
# Distribution



Red (56%)

Green (0%)

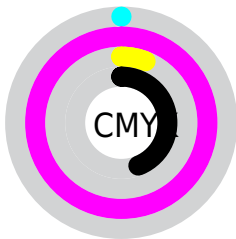
Blue (53%)



Red (56%)

Yellow (0%)

Blue (53%)

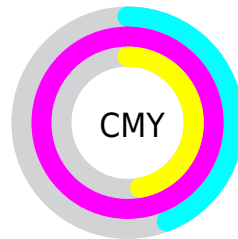


Cyan (0%)

Magenta (99%)

Yellow (6%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F0187 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 8F0187 by changing the saturation by 10% instead.



8F0187

8F0187

FFFFFF

73006D

C84CBD

580055

E669D9

3E003D

FF85F5

230026

FFA1FF

00010F

FFBDFE

000000

FFDAFF

FFF8FF

8F0187

8F0187

■ 8F0087

■ 8F0F88

■ 8F1E89

■ 8F2C89

■ 8F3A8A

■ 8F488B

■ 8F578C

■ 8F658D

■ 8F738D

■ 8F828E

# Harmonies

## Analogous

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



3D3EB2



8F0187



AB0050

# Triad

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



8F0187



5F4D00



006487

# Complementary

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



8F0187



018F09

# 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.



00634E



8F0187



225A00

# Square

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



8F0187



8A3200



00610B



0061B2

# Rectangle

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



8F0187



AA002B



00610B



006475



# Sweetspot

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



8F0187



BA82B7



08018F



5E3C5C



DEDEDE



5E5E5E



# Same Dimension

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



8F0187



BA00B0



8F0141



474047



870080



080007



# Inverse Universe

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



8F0187



BA00B0



018F4F



474047



870080



080007



# Previews

## White Background



This preview shows how the Hex color 8F0187 looks on a white background.

## Color Contrast Check

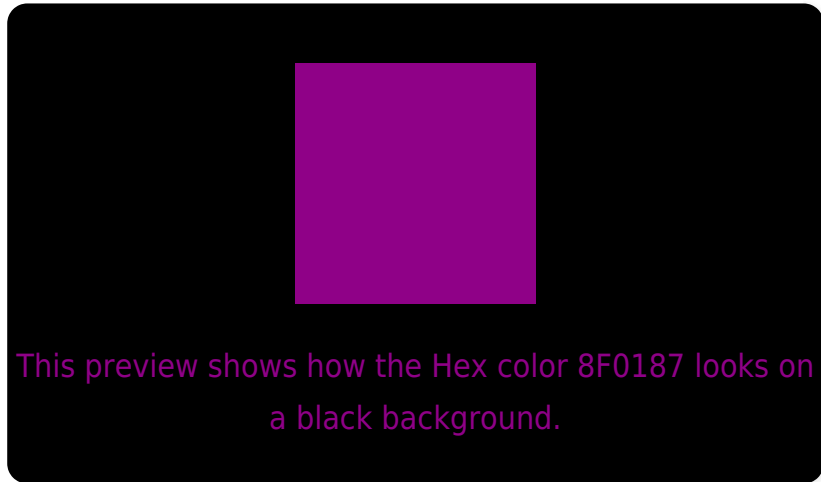
Large Text (above 18pt) WCAG AA ✓ Pass

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

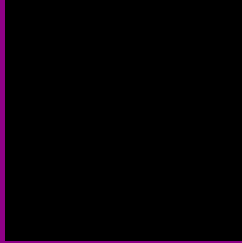
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F0187 Background



This preview shows how black text looks on a background with the Hex color 8F0187.

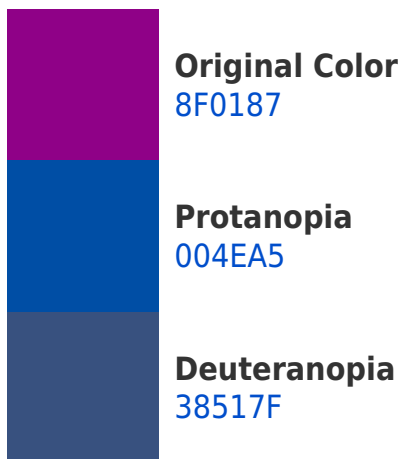


This preview shows how white text looks on a background with the Hex color 8F0187.

# 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**  
8F0187



**Protanomaly**  
34329A



**Deuteranomaly**  
583482



**Tritanomaly**  
8A2255

# Monochromacy



**Original Color**  
8F0187



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
5A2657

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F0187 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 #8F0187 looks like.

```
.text, #text, p{  
    color:#8F0187  
}
```

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 #8F0187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F0187
}
```

## Border

The CSS property to change the border of an element to Hex 8F0187 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
#8F0187 }
```

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

```
.border{ border-color:#8F0187 }
```

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

Here you see how a box with a 4 pixel #8F0187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F0187; -webkit-box-shadow:4px 4px  
4px 4px #8F0187; box-shadow:4px 4px 4px  
4px #8F0187 }
```

# Background

The CSS property to change the background color of an element to Hex 8F0187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F0187 }
```

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

```
.background{ background-color:#8F0187 }
```

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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