

# Converting Colors

Hex(8911EE)

Have a look what the booklet for  
Hex(8911EE) contains.

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**Color**

**Hex(8911EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8911EE
RGB	137, 17, 238
RGB Percent	54%, 7%, 93%
CMY	0.4627, 0.9333, 0.0667
CMYK	0.42, 0.93, 0.00, 0.07
HSL	273°, 87%, 50%
HSV	273°, 93%, 93%
XYZ	25.9496, 11.8923, 81.8167
YIQ	78.0740, 0.5790, 94.1710

# Conversions

## Conversions Part 2

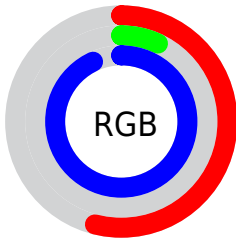
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	137, 17, 238
Decimal	8983022
CIE Lab	41.04, 78.48, -83.47
CIE LCh	41, 114.576, 313.235
Yxy	11.8923, 0.2169, 0.0994
Android (android.graphics.Color)	4287173102 (0xFF8911EE)
YUV	78.0740, 78.8435, 51.6781
Hunter-Lab	34.4852, 73.9693, -116.5267

# Details

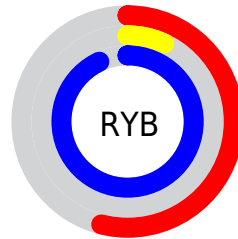
The Hex color **8911EE** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **76EE11**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **C758FF**, and **4800B5** is the 20% darker color. If you saturate the color by 10%, you get **8100EE**, and if you desaturate by 10%, it is **9429EE**.

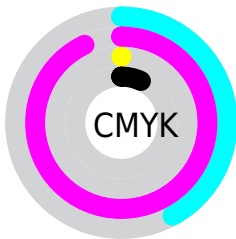
# Distribution



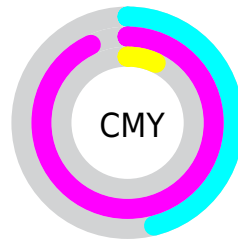
- Red (54%)
- Green (7%)
- Blue (93%)



- Red (54%)
- Yellow (7%)
- Blue (93%)



- Cyan (42%)
- Magenta (93%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (93%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8911EE 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 8911EE by changing the saturation by 10% instead.



 8911EE

 8911EE

FFFFFF

 6A00D1

 C758FF

 4800B5

 E575FF

 1F0099

 FF91FF

 00007E

 FFAEFF

 000064

 FFCBFF

 00094A

 FFE9FF

 000433

 00021D

 000000

■ 8911EE

■ 8911EE

■ 8100EE

■ 9429EE

■ 9F41EE

■ AA58EE

■ B570EE

■ BF88EE

■ CAA0EE

■ D5B8EE

■ E0CFEE

■ EBE7EE

# Harmonies

## Analogous

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



0064FF



8911EE



E3009A

# Triad

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



8911EE



A04700



00808A

# Complementary

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



8911EE



76EE11

# 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.



007D23



8911EE



4F6A00

# Square

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



8911EE



DA0000



007800



0082E4

# Rectangle

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



8911EE



F5005C



007800



007F69



# Sweetspot

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



8911EE



DEB8FF



1178EE



6C5480



000000



808080



# Same Dimension

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



8911EE



8A00FF



EE11E7



726C78



6400B8



1E0038



# Inverse Universe

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



EE1176



FF0075



11EE18



786C71



B80054



38001A



# Previews

## White Background



This preview shows how the Hex color 8911EE looks on a white background.

## Color Contrast Check

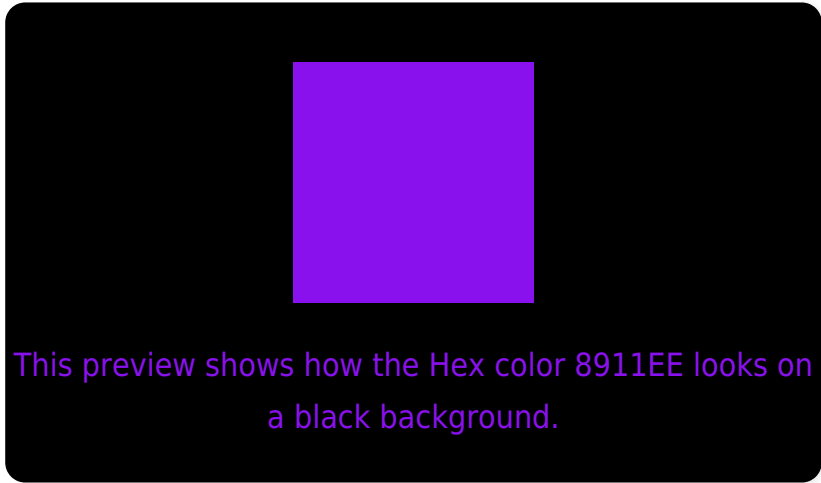
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

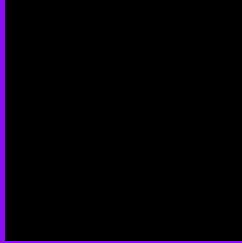
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8911EE Background



This preview shows how black text looks on a background with the Hex color 8911EE.



This preview shows how white text looks on a background with the Hex color 8911EE.

# 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](#).

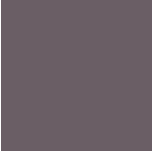
## Dichromacy



**Original Color**  
8911EE

**Protanopia**  
005EC6

**Deuteranopia**  
0064AA



**Tritanopia**  
6A5E65

# Trichromacy



**Original Color**  
8911EE



**Protanomaly**  
3242D5



**Deuteranomaly**  
3246C3



**Tritanomaly**  
754297

# Monochromacy



**Original Color**  
8911EE



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
633888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8911EE 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 #8911EE looks like.

```
.text, #text, p{  
    color:#8911EE  
}
```

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 #8911EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8911EE
}
```

## Border

The CSS property to change the border of an element to Hex 8911EE 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".

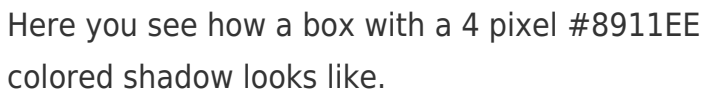
```
.border, #border, table{ border:4px solid
#8911EE }
```

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

```
.border{ border-color:#8911EE }
```

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

Here you see how a box with a 4 pixel #8911EE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8911EE; -webkit-box-shadow:4px 4px  
4px 4px #8911EE; box-shadow:4px 4px 4px  
4px #8911EE }
```

# Background

The CSS property to change the background color of an element to Hex 8911EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8911EE }
```

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

```
.background{ background-color:#8911EE }
```

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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