

# Converting Colors

Hex(931177)

Have a look what the booklet for  
Hex(931177) contains.

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**Color**

**Hex(931177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	931177
RGB	147, 17, 119
RGB Percent	58%, 7%, 47%
CMY	0.4235, 0.9333, 0.5333
CMYK	0.00, 0.88, 0.19, 0.42
HSL	313°, 79%, 32%
HSV	313°, 88%, 58%
XYZ	15.5628, 7.9359, 18.1643
YIQ	67.4980, 44.7380, 59.2820

# Conversions

## Conversions Part 2

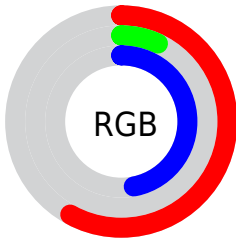
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 17, 119
Decimal	9638263
CIE <sub>Lab</sub>	33.85, 58.67, -24.15
CIE <sub>LCh</sub>	34, 63.450, 337.626
Yxy	7.9359, 0.3735, 0.1905
Android (android.graphics.Color)	4287828343 (0xFF931177)
YUV	67.4980, 25.3905, 69.7233
Hunter-Lab	28.1706, 49.3135, -18.5104

# Details

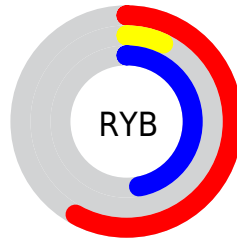
The Hex color **931177** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11932D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **CC52AC**, and **5C0046** is the 20% darker color. If you saturate the color by 10%, you get **930274**, and if you desaturate by 10%, it is **93207A**.

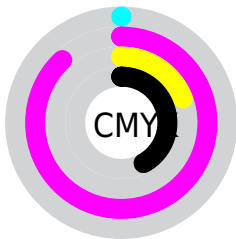
# Distribution



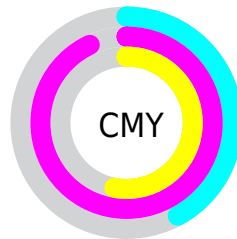
- Red (58%)
- Green (7%)
- Blue (47%)



- Red (58%)
- Yellow (7%)
- Blue (47%)



- Cyan (0%)
- Magenta (88%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (93%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 931177 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 931177 by changing the saturation by 10% instead.



931177

931177

FFFFFF

77005E

CC52AC

5C0046

EA6DC7

420030

FF89E3

27001A

FFA5FF

000000

FFC2FF

FFDFFF

FFFCFF

931177

931177

■ 930274

■ 93207A

■ 930073

■ 932E7D

■ 933D80

■ 934C84

■ 935A87

■ 93698A

■ 93788D

■ 938790

■ 939593

# Harmonies

## Analogous

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



5D3AA1



931177



A50045

# Triad

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



931177



575200



00648D

# Complementary

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



931177



11932D

# 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.



00645C



931177



195D00

# Square

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



931177



803E00



006226



005FAE

# Rectangle

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



931177



A10A25



006226



00647D



# Sweetspot

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



931177



BF8CB4



2B1193



61425A



E0E0E0



616161



# Same Dimension

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



931177



BF0096



931138



4A4348



8A006C



0A0008



# Inverse Universe

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



931177



BF0096



11936C



4A4348



8A006C



0A0008



# Previews

## White Background



This preview shows how the Hex color 931177 looks on a white background.

## Color Contrast Check

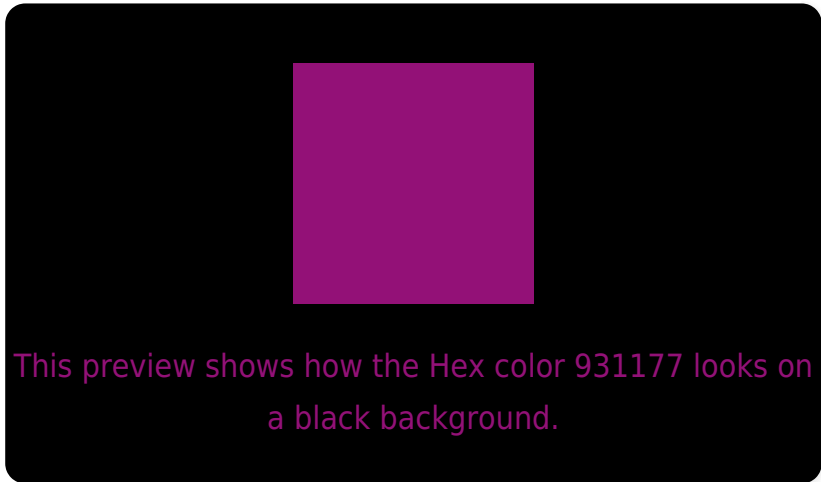
Large Text (above 18pt) WCAG AA ✓ Pass

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

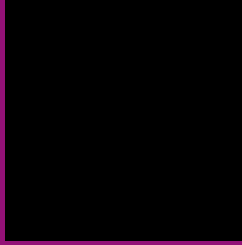
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 931177 Background



This preview shows how black text looks on a background with the Hex color 931177.

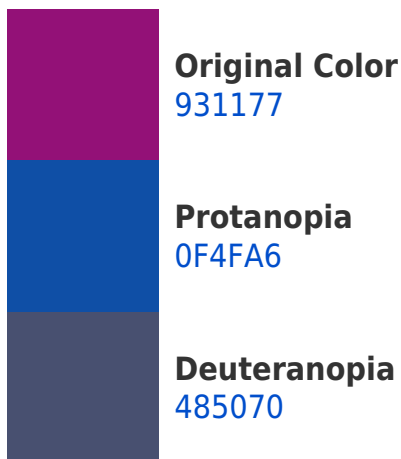



This preview shows how white text looks on a background with the Hex color 931177.

# 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**  
8D3134

# Trichromacy



**Original Color**  
931177

**Protanomaly**  
3F3895

**Deuteranomaly**  
633973

**Tritanomaly**  
8F254C

# Monochromacy



**Original Color**  
931177

**Achromatopsia**  
434343

**Achromatomaly**  
603156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 931177 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 #931177 looks like.

```
.text, #text, p{  
    color:#931177  
}
```

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 #931177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #931177
}
```

## Border

The CSS property to change the border of an element to Hex 931177 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
#931177 }
```

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

```
.border{ border-color:#931177 }
```

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

Here you see how a box with a 4 pixel #931177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #931177; -webkit-box-shadow:4px 4px  
4px 4px #931177; box-shadow:4px 4px 4px  
4px #931177 }
```

# Background

The CSS property to change the background color of an element to Hex 931177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#931177 }
```

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

```
.background{ background-color:#931177 }
```

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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