

# Converting Colors

Hex(950297)

Have a look what the booklet for  
Hex(950297) contains.

<b>Hex(950297)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(950297)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	950297
RGB	149, 2, 151
RGB Percent	58%, 1%, 59%
CMY	0.4157, 0.9922, 0.4078
CMYK	0.01, 0.99, 0.00, 0.41
HSL	299°, 97%, 30%
HSV	299°, 99%, 59%
XYZ	18.0020, 8.6673, 30.0023
YIQ	62.9390, 39.7830, 77.5030

# Conversions

## Conversions Part 2

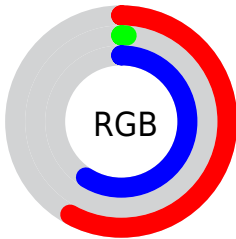
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 2, 151
Decimal	9765527
CIELab	35.34, 65.87, -41.64
CIElCh	35, 77.924, 327.703
Yxy	8.6673, 0.3177, 0.1529
Android (android.graphics.Color)	4287955607 (0xFF950297)
YUV	62.9390, 43.4141, 75.4755
Hunter-Lab	29.4404, 57.6277, -39.8135

# Details

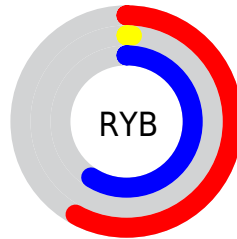
The Hex color **950297** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **049702**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **CF4FCE**, and **5D0063** is the 20% darker color. If you saturate the color by 10%, you get **950097**, and if you desaturate by 10%, it is **951197**.

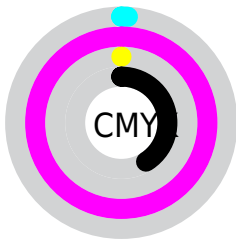
# Distribution



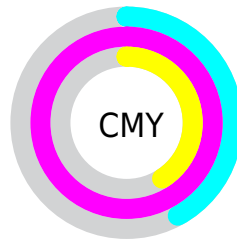
- Red (58%)
- Green (1%)
- Blue (59%)



- Red (58%)
- Yellow (1%)
- Blue (59%)



- Cyan (1%)
- Magenta (99%)
- Yellow (0%)
- Black (41%)



- Cyan (42%)
- Magenta (99%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 950297 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 950297 by changing the saturation by 10% instead.



 950297

 950297

FFFFFF

 79007D

 CF4FCE

 5D0063

 EC6CEA

 42004B

 FF88FF

 280033

 FFA4FF

 00001D

 FFC1FF

 000000

 FFDEFF

 FFFCFF

 950297

 950297

■ 950097

■ 951197

■ 952097

■ 962F97

■ 963E97

■ 964D97

■ 965D97

■ 966C97

■ 977B97

■ 978A97

# Harmonies

## Analogous

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



2945C4



950297



B7005B

# Triad

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



950297



6A5000



006B8C

# Complementary

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



950297



049702

# 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.



006A4C



950297



2A6000

# Square

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



950297



982F00



006700



0069BE

# Rectangle

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



950297



B90032



006700



006B78



# Sweetspot

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



950297



C489C4



020497



634063



E3E3E3



636363



# Same Dimension

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



950297



C200C4



97024F



4C454D



8A008C



0D000D



# Inverse Universe

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



970204



C40003



02974A



4D4545



8C0002



0D0000



# Previews

## White Background



This preview shows how the Hex color 950297 looks on a white background.

## Color Contrast Check

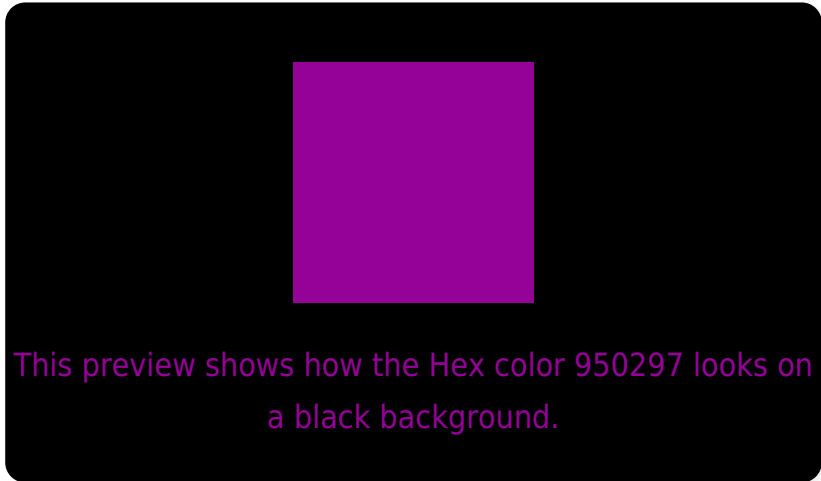
Large Text (above 18pt) WCAG AA ✓ Pass

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

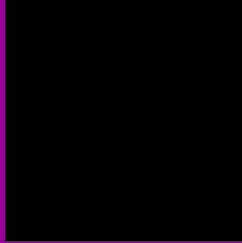
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 950297 Background



This preview shows how black text looks on a background with the Hex color 950297.

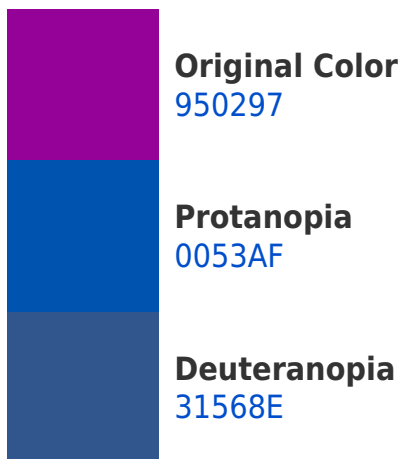


This preview shows how white text looks on a background with the Hex color 950297.

# 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**  
8B3B3F

# Trichromacy



**Original Color**  
950297



**Protanomaly**  
3636A6



**Deuteranomaly**  
553791



**Tritanomaly**  
8F265F

# Monochromacy



**Original Color**  
950297



**Achromatopsia**  
3F3F3F



**Achromatomaly**  
5E295F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 950297 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 #950297 looks like.

```
.text, #text, p{  
    color:#950297  
}
```

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 #950297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #950297
}
```

## Border

The CSS property to change the border of an element to Hex 950297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

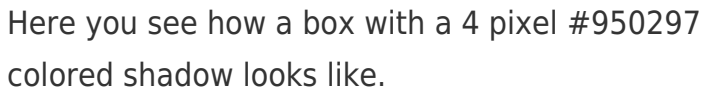
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#950297 }
```

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

```
.border{ border-color:#950297 }
```

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



Here you see how a box with a 4 pixel #950297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #950297; -webkit-box-shadow:4px 4px  
4px 4px #950297; box-shadow:4px 4px 4px  
4px #950297 }
```

# Background

The CSS property to change the background color of an element to Hex 950297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#950297 }
```

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

```
.background{ background-color:#950297 }
```

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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