

# Converting Colors

Hex(935090)

Have a look what the booklet for  
Hex(935090) contains.

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# Color

**Hex(935090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	935090
RGB	147, 80, 144
RGB Percent	58%, 31%, 56%
CMY	0.4235, 0.6863, 0.4353
CMYK	0.00, 0.46, 0.02, 0.42
HSL	303°, 30%, 45%
HSV	303°, 46%, 58%
XYZ	19.9353, 13.9540, 28.0282
YIQ	107.3290, 19.3880, 34.1080

# Conversions

## Conversions Part 2

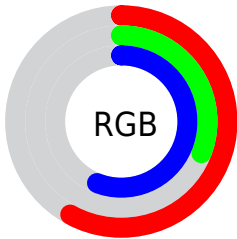
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 80, 144
Decimal	9654416
CIE <sub>Lab</sub>	44.17, 37.73, -23.49
CIE <sub>LCh</sub>	44, 44.448, 328.097
Yxy	13.9540, 0.3220, 0.2254
Android (android.graphics.Color)	4287844496 (0xFF935090)
YUV	107.3290, 18.0788, 34.7915
Hunter-Lab	37.3550, 29.8891, -18.3380

# Details

The Hex color **935090** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **509353**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CA83C6**, and **5E1E5D** is the 20% darker color. If you saturate the color by 10%, you get **93418F**, and if you desaturate by 10%, it is **935F91**.

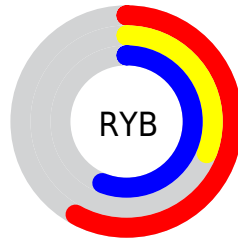
# Distribution



Red (58%)

Green (31%)

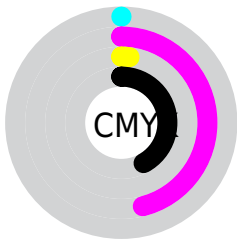
Blue (56%)



Red (58%)

Yellow (31%)

Blue (56%)

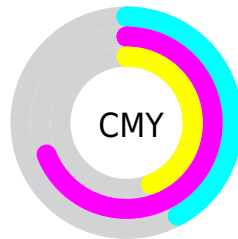


Cyan (0%)

Magenta (46%)

Yellow (2%)

Black (42%)



Cyan (42%)

Magenta (69%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 935090 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 935090 by changing the saturation by 10% instead.



 935090

 935090

FFFFFF

 783776

 CA83C6

 5E1E5D

 E79EE2

 450245

 FFB9FF

 2E002F

 FFD6FF

 10001A

 FFF2FF

 000000

 935090

 935090

 93418F

 935F91

 93338F

 936D91

93248E

937C92

93158D

938B93

93078D

939993

93008C

93A894

93B795

93C695

93D496

# Harmonies

## Analogous

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



6560AA



935090



A9466C

# Triad

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



935090



7E6618



007A8A

# Complementary

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



935090



509353

# 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.



007A65



935090



5A7022

# Square

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



935090



9A5829



25773F



0076A7

# Rectangle

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



935090



AC4754



25773F



007A7E



# Sweetspot

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



935090



BFA4BE



525093



615060



E0E0E0



616161



# Same Dimension

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



935090



BF56BB



93506F



4A434A



8A0084



0A000A



# Inverse Universe

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



935090



BF56BB



509374



4A434A



8A0084

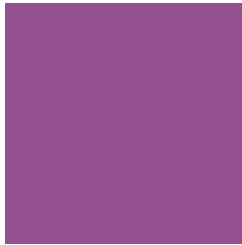


0A000A



# Previews

## White Background



This preview shows how the Hex color 935090 looks on a white background.

## Color Contrast Check

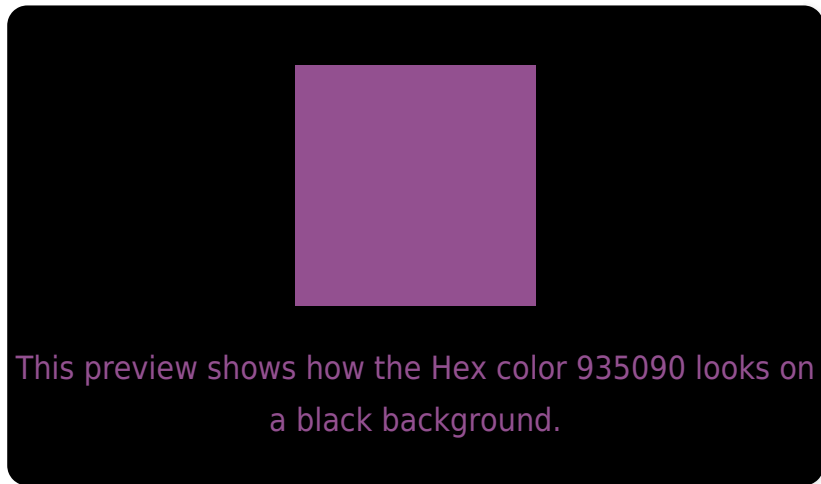
Large Text (above 18pt) WCAG AA ✓ Pass

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

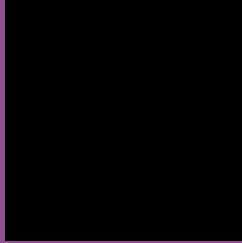
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 935090 Background



This preview shows how black text looks on a background with the Hex color 935090.

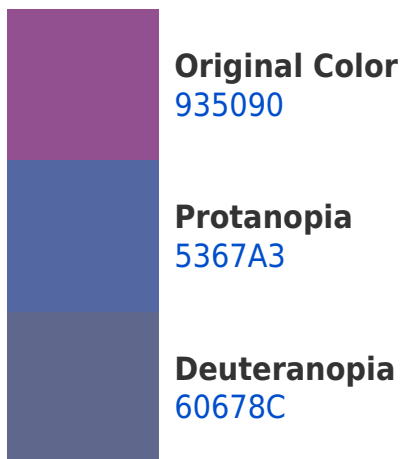



This preview shows how white text looks on a background with the Hex color 935090.

# 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**  
8D5B61

# Trichromacy



**Original Color**  
935090



**Protanomaly**  
6A5F9C



**Deuteranomaly**  
735F8D



**Tritanomaly**  
8F5772

# Monochromacy



**Original Color**  
935090



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
7A6178

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 935090 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 #935090 looks like.

```
.text, #text, p{  
    color:#935090  
}
```

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 #935090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935090
}
```

## Border

The CSS property to change the border of an element to Hex 935090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

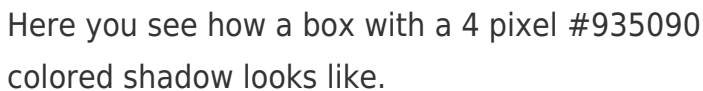
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935090 }
```

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

```
.border{ border-color:#935090 }
```

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



Here you see how a box with a 4 pixel #935090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935090; -webkit-box-shadow:4px 4px  
4px 4px #935090; box-shadow:4px 4px 4px  
4px #935090 }
```

# Background

The CSS property to change the background color of an element to Hex 935090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935090 }
```

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

```
.background{ background-color:#935090 }
```

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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