

# Converting Colors

Hex(90157F)

Have a look what the booklet for  
Hex(90157F) contains.

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# Color

**Hex(90157F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90157F
RGB	144, 21, 127
RGB Percent	56%, 8%, 50%
CMY	0.4353, 0.9176, 0.5020
CMYK	0.00, 0.85, 0.12, 0.44
HSL	308°, 75%, 32%
HSV	308°, 85%, 56%
XYZ	15.6005, 7.9979, 20.8002
YIQ	69.8610, 39.2820, 59.0420

# Conversions

## Conversions Part 2

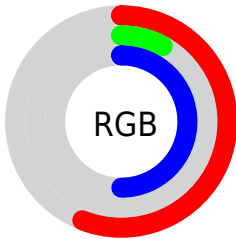
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 21, 127
Decimal	9442687
CIE <sub>Lab</sub>	33.98, 58.34, -29.02
CIE <sub>LCh</sub>	34, 65.153, 333.554
Yxy	7.9979, 0.3514, 0.1801
Android (android.graphics.Color)	4287632767 (0xFF90157F)
YUV	69.8610, 28.1695, 65.0199
Hunter-Lab	28.2806, 48.9755, -23.8109

# Details

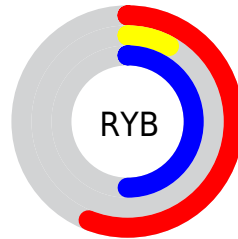
The Hex color **90157F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **159026**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C953B4**, and **59004D** is the 20% darker color. If you saturate the color by 10%, you get **90077D**, and if you desaturate by 10%, it is **902381**.

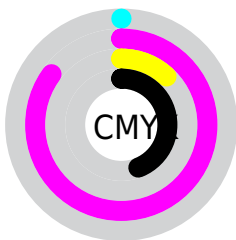
# Distribution



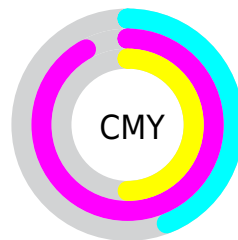
- Red (56%)
- Green (8%)
- Blue (50%)



- Red (56%)
- Yellow (8%)
- Blue (50%)



- Cyan (0%)
- Magenta (85%)
- Yellow (12%)
- Black (44%)



- Cyan (44%)
- Magenta (92%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90157F 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 90157F by changing the saturation by 10% instead.



 90157F

 90157F

FFFFFF

 740066

 C953B4

 59004D

 E66FD0

 3F0036

 FF8BEC

 250020

 FFA7FF

 000003

 FFC3FF

 000000

 FFE0FF

 FFFDFF

 90157F

 90157F

90077D

902381

90007C

903283

904085

904F87

905D89

906B8B

907A8D

90888F

909791

# Harmonies

## Analogous

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



503EA8



90157F



A6004C

# Triad

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



90157F



5D5000



006588

# Complementary

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



90157F



159026

# 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.



006555



90157F



245C00

# Square

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



90157F



863A00



00621D



0061AD

# Rectangle

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



90157F



A5002B



00621D



006578



# Sweetspot

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



90157F



BA8AB3



251590



5E415A



DEDEDE



5E5E5E



# Same Dimension

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



90157F



BA00A0



901542



474046



870074



080007



# Inverse Universe

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



90157F



BA00A0



159063



474046



870074



080007



# Previews

## White Background



This preview shows how the Hex color 90157F looks on a white background.

## Color Contrast Check

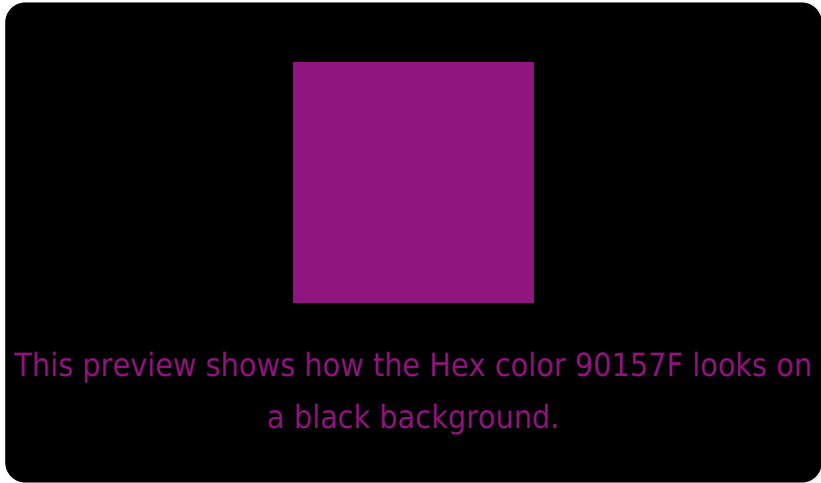
Large Text (above 18pt) WCAG AA ✓ Pass

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

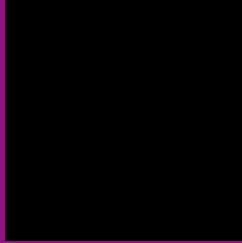
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 90157F Background



This preview shows how black text looks on a background with the Hex color 90157F.

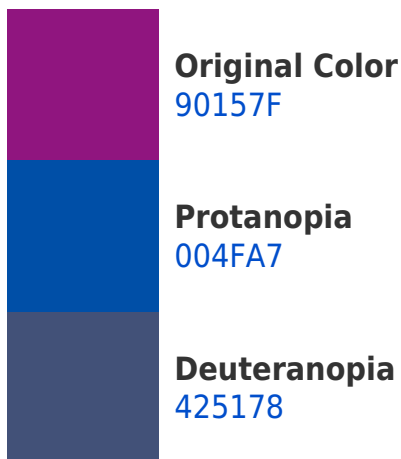


This preview shows how white text looks on a background with the Hex color 90157F.

# 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**  
90157F



**Protanomaly**  
343A98



**Deuteranomaly**  
5E3B7B

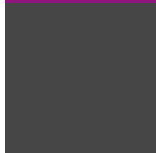


**Tritanomaly**  
8C2952

# Monochromacy



**Original Color**  
90157F



**Achromatopsia**  
464646



**Achromatomaly**  
61345B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90157F 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 #90157F looks like.

```
.text, #text, p{  
    color:#90157F  
}
```

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 #90157F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90157F
}
```

## Border

The CSS property to change the border of an element to Hex 90157F is called "border". The border property can be set on classes, ids or directly on the HTML element.

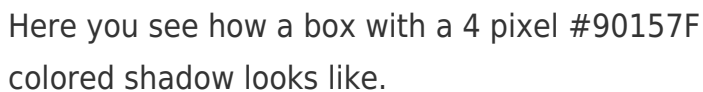
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90157F }
```

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

```
.border{ border-color:#90157F }
```

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



Here you see how a box with a 4 pixel #90157F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90157F; -webkit-box-shadow:4px 4px  
4px 4px #90157F; box-shadow:4px 4px 4px  
4px #90157F }
```

# Background

The CSS property to change the background color of an element to Hex 90157F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90157F }
```

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

```
.background{ background-color:#90157F }
```

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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