

# Converting Colors

Hex(90338F)

Have a look what the booklet for  
Hex(90338F) contains.

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# Color

**Hex(90338F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90338F
RGB	144, 51, 143
RGB Percent	56%, 20%, 56%
CMY	0.4353, 0.8000, 0.4392
CMYK	0.00, 0.65, 0.01, 0.44
HSL	301°, 48%, 38%
HSV	301°, 65%, 56%
XYZ	17.6434, 10.2801, 27.0410
YIQ	89.2950, 25.8960, 48.3280

# Conversions

## Conversions Part 2

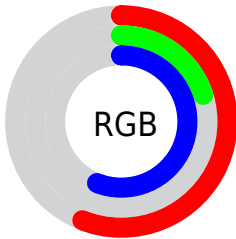
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 51, 143
Decimal	9450383
CIE <sub>Lab</sub>	38.34, 51.00, -32.02
CIE <sub>LCh</sub>	38, 60.217, 327.873
Yxy	10.2801, 0.3210, 0.1870
Android (android.graphics.Color)	4287640463 (0xFF90338F)
YUV	89.2950, 26.4766, 47.9763
Hunter-Lab	32.0626, 42.1150, -27.5601

# Details

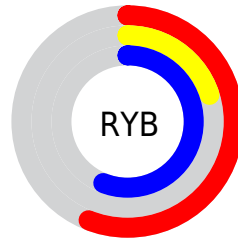
The Hex color **90338F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **339034**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **C868C5**, and **5A005C** is the 20% darker color. If you saturate the color by 10%, you get **90258F**, and if you desaturate by 10%, it is **90418F**.

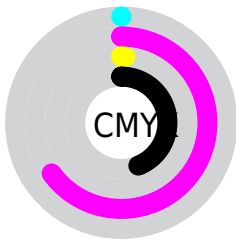
# Distribution



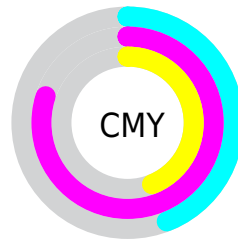
- Red (56%)
- Green (20%)
- Blue (56%)



- Red (56%)
- Yellow (20%)
- Blue (56%)



- Cyan (0%)
- Magenta (65%)
- Yellow (1%)
- Black (44%)



- Cyan (44%)
- Magenta (80%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90338F 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 90338F by changing the saturation by 10% instead.



 90338F

 90338F

FFFFFF

 751575

 C868C5

 5A005C

 E583E1

 400044

 FF9FFE

 2A002E

 FFBAFF

 000117

 FFD7FF

 000000

 FFF4FF

 90338F

 90338F

 90258F

 90418F

90168F

90508F

90088F

905E8F

90008E

906D90

907B90

908990

909890

90A690

90B590

# Harmonies

## Analogous

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



4C4FB2



90338F



AC1960

# Triad

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



90338F



715700



006F87

# Complementary

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



90338F



339034

# 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.



006F55



90338F



416400

# Square

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



90338F



954200



006C21



006CAD

# Rectangle

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



90338F



AE1E40



006C21



006F77



# Sweetspot

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



90338F



BA97BA



333390



5E495E



DEDEDE



5E5E5E



# Same Dimension

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



90338F



BA29B9



903362



474047



870086



080008



# Inverse Universe

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



90338F



BA29B9



339062



474047



870086



080008



# Previews

## White Background



This preview shows how the Hex color 90338F looks on a white background.

## Color Contrast Check

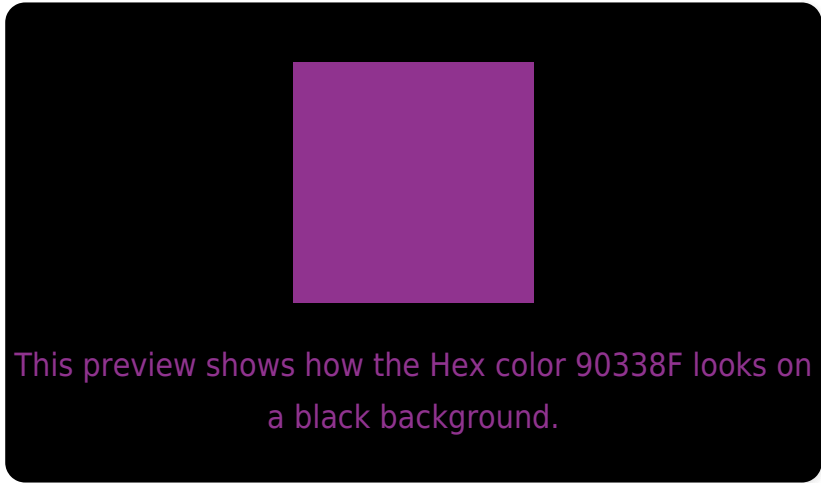
Large Text (above 18pt) WCAG AA ✓ Pass

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

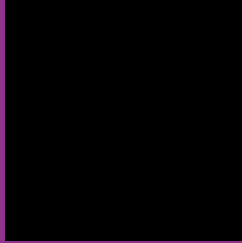
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 90338F Background



This preview shows how black text looks on a background with the Hex color 90338F.

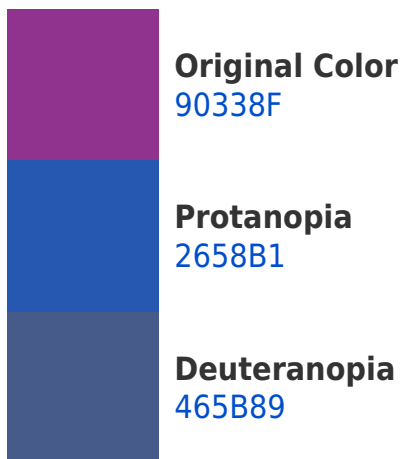



This preview shows how white text looks on a background with the Hex color 90338F.

# 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](#).

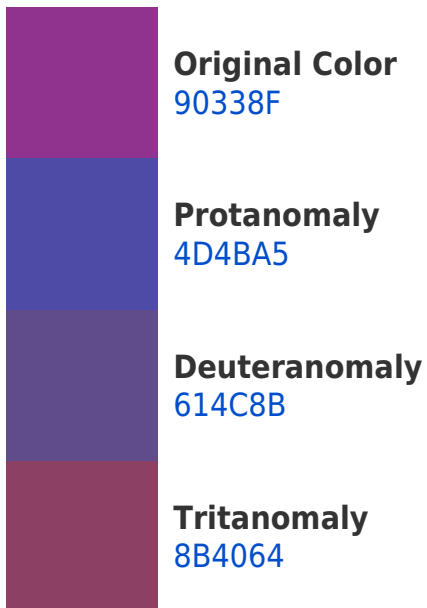
## Dichromacy



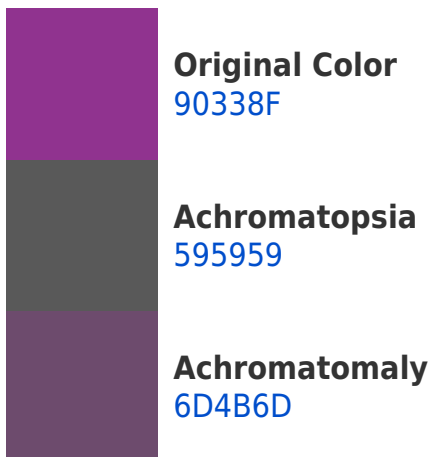


**Tritanopia**  
88474C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90338F 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 #90338F looks like.

```
.text, #text, p{  
    color:#90338F  
}
```

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 #90338F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90338F
}
```

## Border

The CSS property to change the border of an element to Hex 90338F is called "border". The border property can be set on classes, ids or directly on the HTML element.

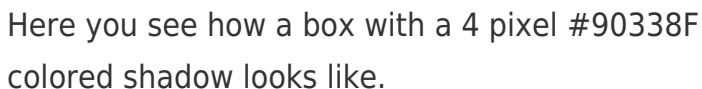
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90338F }
```

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

```
.border{ border-color:#90338F }
```

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



Here you see how a box with a 4 pixel #90338F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90338F; -webkit-box-shadow:4px 4px  
4px 4px #90338F; box-shadow:4px 4px 4px  
4px #90338F }
```

# Background

The CSS property to change the background color of an element to Hex 90338F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90338F }
```

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

```
.background{ background-color:#90338F }
```

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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