

# Converting Colors

Hex(937FC9)

Have a look what the booklet for  
Hex(937FC9) contains.

<b>Hex(937FC9)</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(937FC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	937FC9
RGB	147, 127, 201
RGB Percent	58%, 50%, 79%
CMY	0.4235, 0.5020, 0.2118
CMYK	0.27, 0.37, 0.00, 0.21
HSL	256°, 41%, 64%
HSV	256°, 37%, 79%
XYZ	30.1646, 25.5988, 58.6096
YIQ	141.4160, -11.8340, 27.2540

# Conversions

## Conversions Part 2

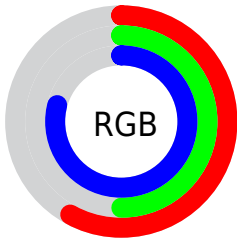
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 127, 201
Decimal	9666505
CIELab	57.65, 23.58, -35.70
CIELCh	58, 42.785, 303.442
Yxy	25.5988, 0.2637, 0.2238
Android (android.graphics.Color)	4287856585 (0xFF937FC9)
YUV	141.4160, 29.3749, 4.8972
Hunter-Lab	50.5953, 17.8789, -33.2648

# Details

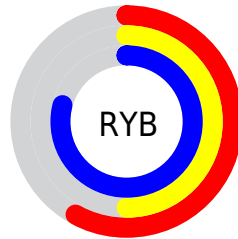
The Hex color **937FC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5C97F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CAB4FF**, and **5E4E93** is the 20% darker color. If you saturate the color by 10%, you get **846BC9**, and if you desaturate by 10%, it is **A293C9**.

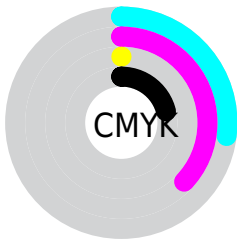
# Distribution



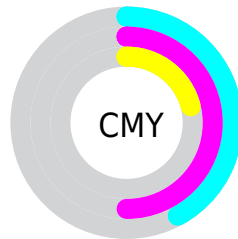
- Red (58%)
- Green (50%)
- Blue (79%)



- Red (58%)
- Yellow (50%)
- Blue (79%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (42%)
- Magenta (50%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937FC9 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 937FC9 by changing the saturation by 10% instead.



■ 937FC9

■ 937FC9

FFFFFF

■ 7866AD

■ CAB4FF

■ 5E4E93

■ E7D0FF

■ 453779

■ FFECFF

■ 2C215F

■ 100C47

■ 000030

■ 00011B

■ 000000

■ 937FC9

■ 937FC9

846BC9

A293C9

7657C9

B0A7C9

6743C9

BFBBC9

582FC9

CECFC9

4A1BC9

DCE4C9

3B06C9

EBF8C9

3600C9

FAFFC9

FFFFC9

# Harmonies

## Analogous

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



518DD5



937FC9



BC71AD

# Triad

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



937FC9



BB7C48



009E8E

# Complementary

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



937FC9



B5C97F

# 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.



449B68



937FC9



9D8A3D

# Square

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



937FC9



CE7063



76944A



009CB3

# Rectangle

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



937FC9



CB6C94



76944A



009D81



# Sweetspot

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



937FC9



EBE3FF



7FB5C9



736F80



000000



808080



# Same Dimension

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



937FC9



AD8FFF



B87FC9



5C5A63



2C00A3



0A0024



# Inverse Universe

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



C97FB5



FF8FE1



90C97F



635A61



A30077



24001A



# Previews

## White Background



This preview shows how the Hex color 937FC9 looks on a white 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

# Black Background



This preview shows how the Hex color 937FC9 looks on a black 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

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



## Hex 937FC9 Background



This preview shows how black text looks on a background with the Hex color 937FC9.

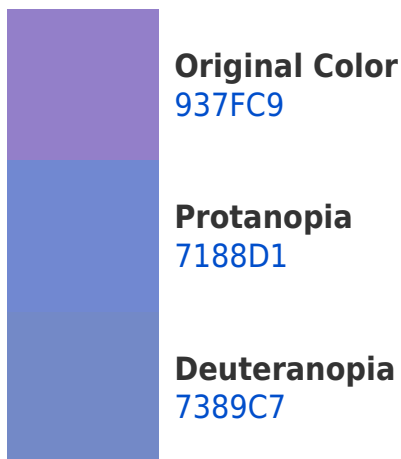



This preview shows how white text looks on a background with the Hex color 937FC9.

# 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](#).

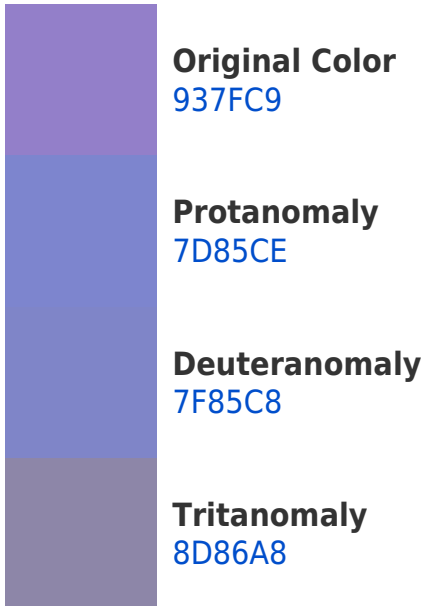
## Dichromacy



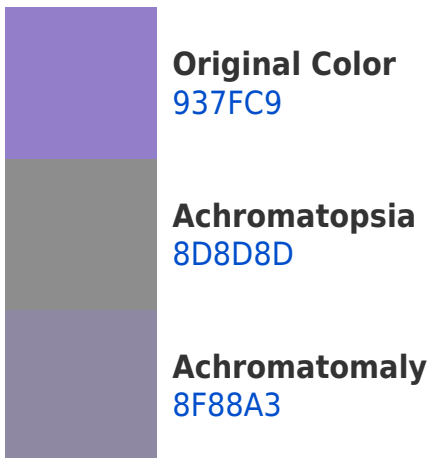


**Tritanopia**  
898A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937FC9 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 #937FC9 looks like.

```
.text, #text, p{  
    color:#937FC9  
}
```

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 #937FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937FC9
}
```

## Border

The CSS property to change the border of an element to Hex 937FC9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

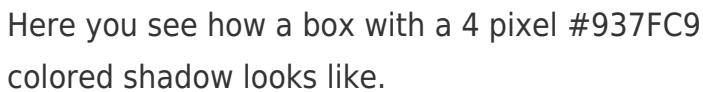
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937FC9 }
```

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

```
.border{ border-color:#937FC9 }
```

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



Here you see how a box with a 4 pixel #937FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937FC9; -webkit-box-shadow:4px 4px  
4px 4px #937FC9; box-shadow:4px 4px 4px  
4px #937FC9 }
```

# Background

The CSS property to change the background color of an element to Hex 937FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937FC9 }
```

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

```
.background{ background-color:#937FC9 }
```

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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