

# Converting Colors

Hex(934FB7)

Have a look what the booklet for  
Hex(934FB7) contains.

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# Color

**Hex(934FB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	934FB7
RGB	147, 79, 183
RGB Percent	58%, 31%, 72%
CMY	0.4235, 0.6902, 0.2824
CMYK	0.20, 0.57, 0.00, 0.28
HSL	279°, 42%, 51%
HSV	279°, 57%, 72%
XYZ	23.3758, 15.2139, 46.5043
YIQ	111.1880, 7.1440, 46.7600

# Conversions

## Conversions Part 2

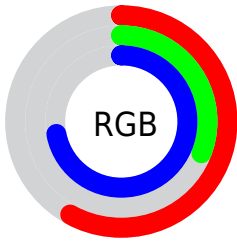
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 79, 183
Decimal	9654199
CIE <sub>Lab</sub>	45.93, 46.34, -43.85
CIE <sub>LCh</sub>	46, 63.800, 316.585
Yxy	15.2139, 0.2747, 0.1788
Android (android.graphics.Color)	4287844279 (0xFF934FB7)
YUV	111.1880, 35.4033, 31.4071
Hunter-Lab	39.0050, 38.7170, -43.3858

# Details

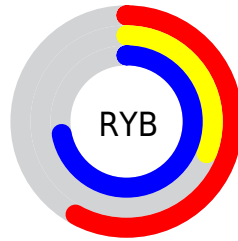
The Hex color **934FB7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **73B74F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CB83F0**, and **5D1B81** is the 20% darker color. If you saturate the color by 10%, you get **8D3DB7**, and if you desaturate by 10%, it is **9961B7**.

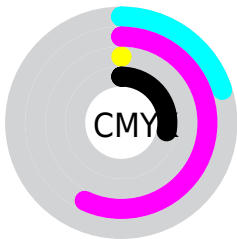
# Distribution



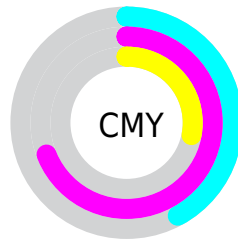
- Red (58%)
- Green (31%)
- Blue (72%)



- Red (58%)
- Yellow (31%)
- Blue (72%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (28%)



- Cyan (42%)
- Magenta (69%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 934FB7 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 934FB7 by changing the saturation by 10% instead.



934FB7

934FB7

FFFFFF

78369C

CB83F0

5D1B81

E89EFF

430068

FFBAFF

29004F

FFD6FF

0F0037

FFF3FF

000221

000006

000000

934FB7

934FB7

8D3DB7

9961B7

862AB7

A074B7

8018B7

A686B7

7A06B7

AC98B7

7800B7

B3ABB7

B9BDB7

BFCFB7

C6E1B7

CCF4B7

# Harmonies

## Analogous

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



2269D4



934FB7



BF3387

# Triad

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



934FB7



976200



00848A

# Complementary

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



934FB7



73B74F

# 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.



008352



934FB7



687300

# Square

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



934FB7



BA481F



1F7E18



0082BA

# Rectangle

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



934FB7



C92C63



1F7E18



008478



# Sweetspot

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



934FB7



DFC5ED



4F73B7



706078



F7F7F7



787878



# Same Dimension

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



934FB7



B54CED



B74FA7



59535C



66009C



12001C



# Inverse Universe

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



B74F73



ED4C84



4FB75F



5C5356



9C0036

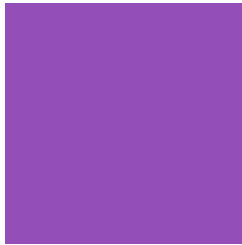


1C000A



# Previews

## White Background



This preview shows how the Hex color 934FB7 looks on a white background.

## Color Contrast Check

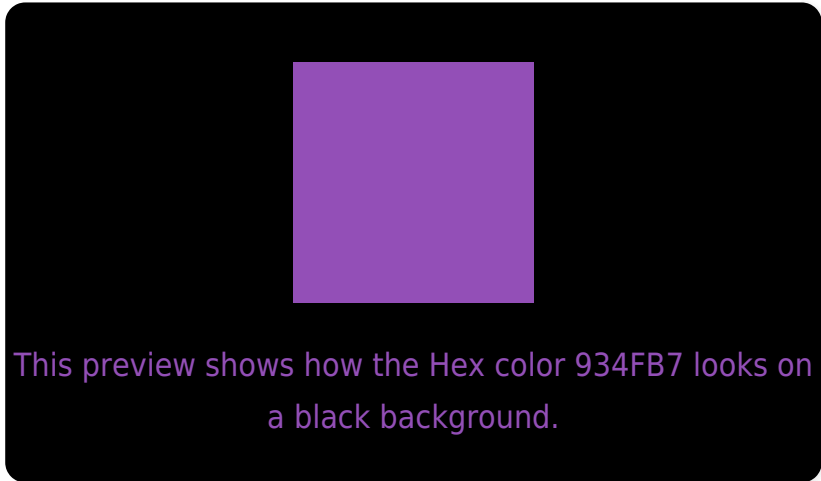
Large Text (above 18pt) WCAG AA ✓ Pass

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

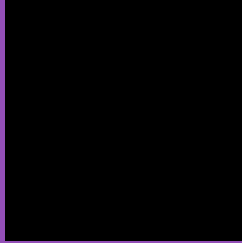
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 934FB7 Background



This preview shows how black text looks on a background with the Hex color 934FB7.

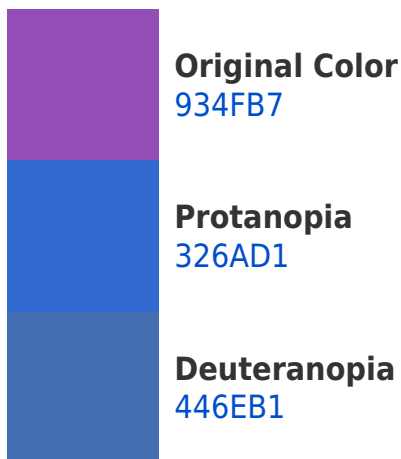


This preview shows how white text looks on a background with the Hex color 934FB7.

# 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](#).

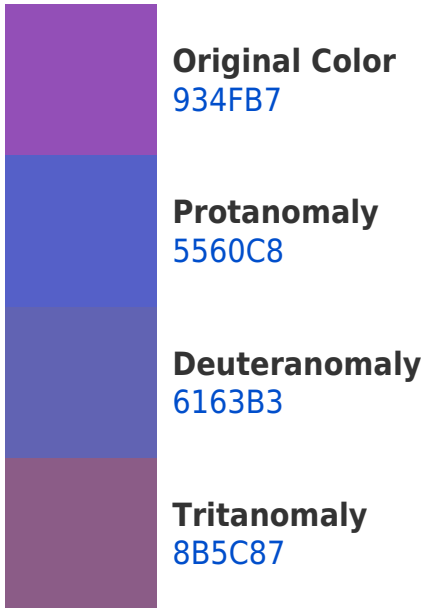
## Dichromacy



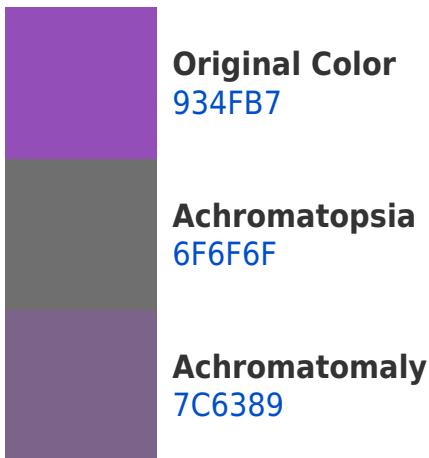


**Tritanopia**  
87636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 934FB7 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 #934FB7 looks like.

```
.text, #text, p{  
    color:#934FB7  
}
```

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 #934FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934FB7
}
```

## Border

The CSS property to change the border of an element to Hex 934FB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

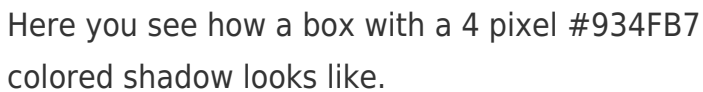
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#934FB7 }
```

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

```
.border{ border-color:#934FB7 }
```

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



Here you see how a box with a 4 pixel #934FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934FB7; -webkit-box-shadow:4px 4px  
4px 4px #934FB7; box-shadow:4px 4px 4px  
4px #934FB7 }
```

# Background

The CSS property to change the background color of an element to Hex 934FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934FB7 }
```

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

```
.background{ background-color:#934FB7 }
```

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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