

# Converting Colors

Hex(903FCC)

Have a look what the booklet for  
Hex(903FCC) contains.

<b>Hex(903FCC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(903FCC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	903FCC
RGB	144, 63, 204
RGB Percent	56%, 25%, 80%
CMY	0.4353, 0.7529, 0.2000
CMYK	0.29, 0.69, 0.00, 0.20
HSL	274°, 58%, 52%
HSV	274°, 69%, 80%
XYZ	24.1782, 13.8439, 58.5246
YIQ	103.2930, 3.0150, 61.0230

# Conversions

## Conversions Part 2

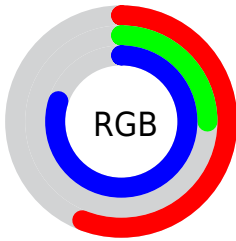
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 63, 204
Decimal	9453516
CIE <sub>Lab</sub>	44.01, 58.15, -59.15
CIE <sub>LCh</sub>	44, 82.949, 314.513
Yxy	13.8439, 0.2504, 0.1434
Android (android.graphics.Color)	4287643596 (0xFF903FCC)
YUV	103.2930, 49.6486, 35.7000
Hunter-Lab	37.2074, 50.8801, -67.2136

# Details

The Hex color **903FCC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **7BCC3F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CA75FF**, and **570095** is the 20% darker color. If you saturate the color by 10%, you get **872BCC**, and if you desaturate by 10%, it is **9953CC**.

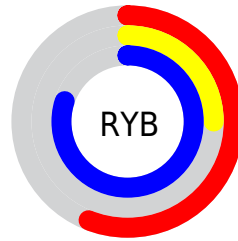
# Distribution



Red (56%)

Green (25%)

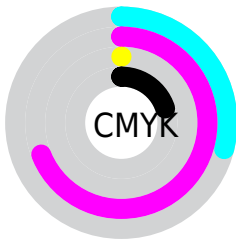
Blue (80%)



Red (56%)

Yellow (25%)

Blue (80%)

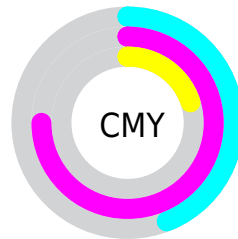


Cyan (29%)

Magenta (69%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (75%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903FCC 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 903FCC by changing the saturation by 10% instead.



903FCC

903FCC

FFFFFF

7423B0

CA75FF

570095

E790FF

3B007A

FFABFF

1C0061

FFC8FF

000048

FFE5FF

000430

00011A

000000

903FCC

903FCC

872BCC

9953CC

7F16CC

A168CC

7602CC

AA7CCC

7500CC

B391CC

BBA5CC

C4B9CC

CDCECC

D5E2CC

DEF7CC

# Harmonies

## Analogous

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



0066F0



903FCC



CD008F

# Triad

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



903FCC



9C5800



008389

# Complementary

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



903FCC



7BCC3F

# 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.



008140



903FCC



617000

# Square

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



903FCC



C72B00



007C00



0082C9

# Rectangle

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



903FCC



DB0061



007C00



008371



# Sweetspot

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



903FCC



E8C9FF



3F7CCC



726080



000000



808080



# Same Dimension

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



903FCC



A52BFF



CC3FC3



625C66



5F00A6



160026



# Inverse Universe

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



CC3F7B



FF2B85



3FCC48



665C60



A60047



260010



# Previews

## White Background



This preview shows how the Hex color 903FCC looks on a white background.

## Color Contrast Check

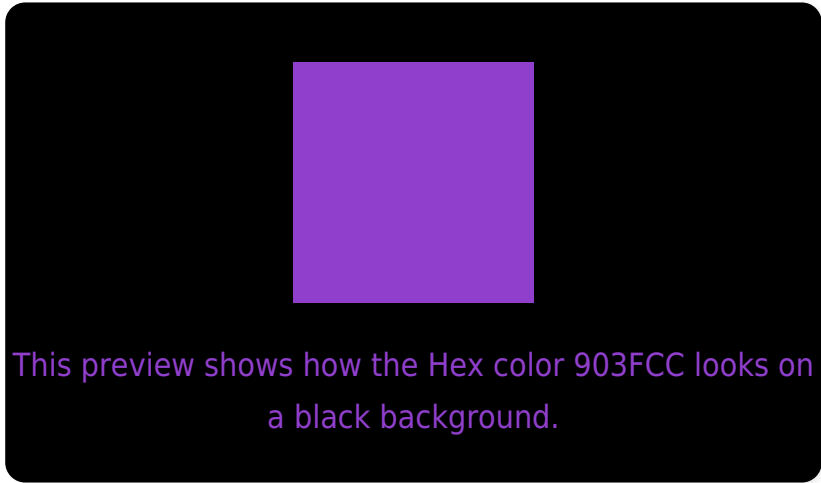
Large Text (above 18pt) WCAG AA ✓ Pass

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

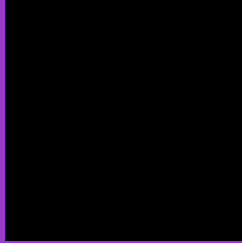
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 903FCC Background



This preview shows how black text looks on a background with the Hex color 903FCC.



This preview shows how white text looks on a background with the Hex color 903FCC.

# 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



**Original Color**  
903FCC

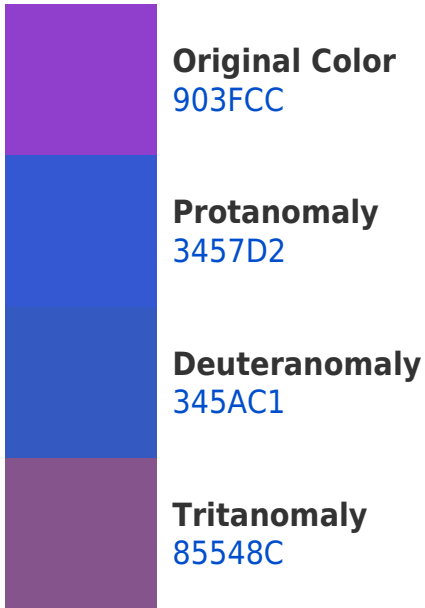
**Protanopia**  
0065D5

**Deuteranopia**  
006ABB



**Tritanopia**  
7E6067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903FCC 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 #903FCC looks like.

```
.text, #text, p{  
    color:#903FCC  
}
```

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 #903FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903FCC  
}
```

## Border

The CSS property to change the border of an element to Hex 903FCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

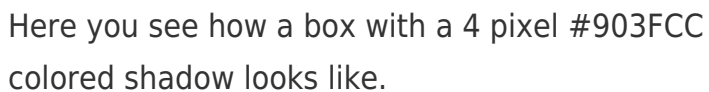
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#903FCC }
```

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

```
.border{ border-color:#903FCC }
```

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



Here you see how a box with a 4 pixel #903FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903FCC; -webkit-box-shadow:4px 4px  
4px 4px #903FCC; box-shadow:4px 4px 4px  
4px #903FCC }
```

# Background

The CSS property to change the background color of an element to Hex 903FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903FCC }
```

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

```
.background{ background-color:#903FCC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor