

# Converting Colors

Hex(926FB3)

Have a look what the booklet for  
Hex(926FB3) contains.

<b>Hex(926FB3)</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(926FB3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	926FB3
RGB	146, 111, 179
RGB Percent	57%, 44%, 70%
CMY	0.4275, 0.5647, 0.2980
CMYK	0.18, 0.38, 0.00, 0.30
HSL	271°, 31%, 57%
HSV	271°, 38%, 70%
XYZ	25.6752, 20.7345, 45.2968
YIQ	129.2170, -0.9680, 28.5680

# Conversions

## Conversions Part 2

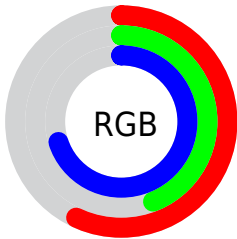
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 111, 179
Decimal	9596851
CIE Lab	52.66, 27.28, -30.93
CIE LCh	53, 41.238, 311.414
Yxy	20.7345, 0.2800, 0.2261
Android (android.graphics.Color)	4287786931 (0xFF926FB3)
YUV	129.2170, 24.5430, 14.7187
Hunter-Lab	45.5352, 20.9613, -27.1049

# Details

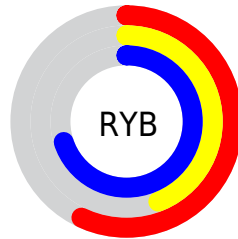
The Hex color **926FB3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **90B36F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C9A3EB**, and **5E3E7E** is the 20% darker color. If you saturate the color by 10%, you get **895DB3**, and if you desaturate by 10%, it is **9B81B3**.

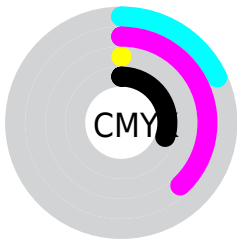
# Distribution



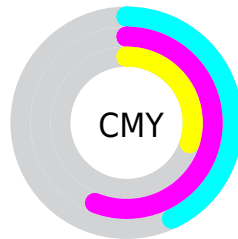
- Red (57%)
- Green (44%)
- Blue (70%)



- Red (57%)
- Yellow (44%)
- Blue (70%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (30%)



- Cyan (43%)
- Magenta (56%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 926FB3 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 926FB3 by changing the saturation by 10% instead.



■ 926FB3

■ 926FB3

FFFFFF

■ 785698

■ C9A3EB

■ 5E3E7E

■ E5BEFF

■ 452865

■ FFDAFF

■ 2D124C

■ FFF7FF

■ 180035

■ 00021F

■ 000002

■ 000000

■ 926FB3

■ 926FB3

895DB3

9B81B3

814BB3

A393B3

7839B3

ACA5B3

6F27B3

B5B7B3

6716B3

BDC8B3

5E04B3

C6DAB3

5C00B3

CFECB3

D7FEB3

E0FFB3

# Harmonies

## Analogous

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



5A7DC3



926FB3



B36395

# Triad

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



926FB3



A5743A



00908B

# Complementary

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



926FB3



90B36F

# 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.



268E66



926FB3



858035

# Square

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



926FB3



BA6750



5F8946



008EAC

# Rectangle

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



926FB3



BE5F7D



5F8946



00907E



# Sweetspot

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



926FB3



DCCFE8



6F91B3



6E6675



F5F5F5



757575



# Same Dimension

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



926FB3



B47DE8



B36FB3



555059



4F0099



0D001A



# Inverse Universe

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



B36F90



E87DB1



6FB36F



595055



99004A



1A000C



# Previews

## White Background



This preview shows how the Hex color 926FB3 looks on a white background.

## Color Contrast Check

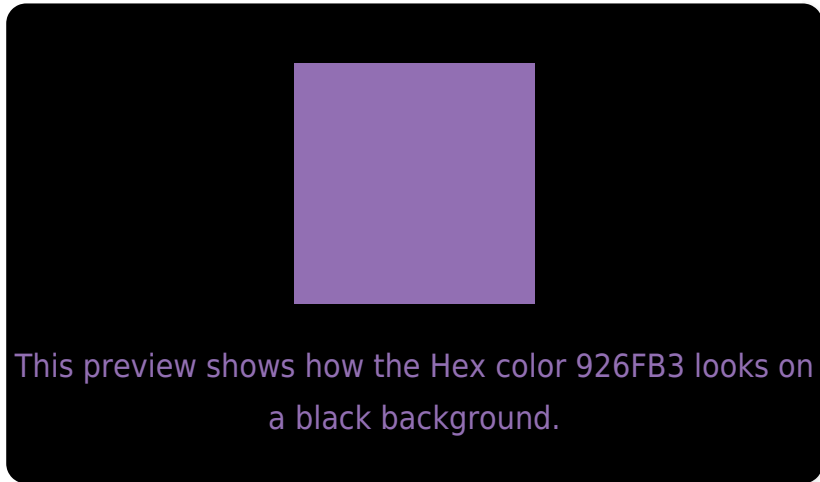
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

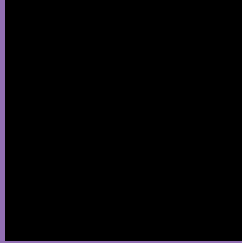
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 926FB3 Background



This preview shows how black text looks on a background with the Hex color 926FB3.

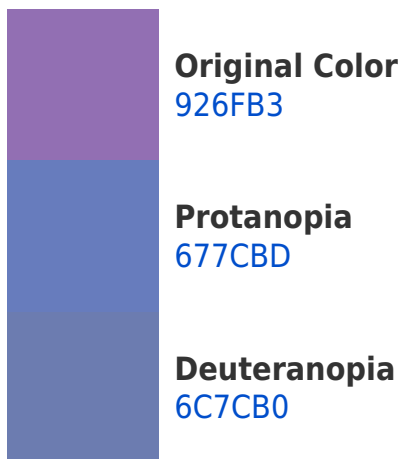


This preview shows how white text looks on a background with the Hex color 926FB3.

# 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](#).

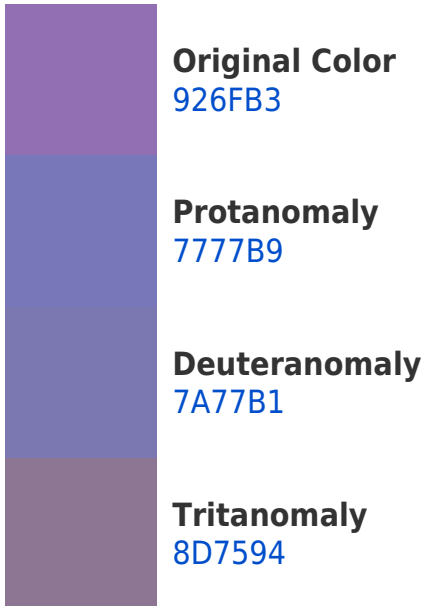
## Dichromacy





**Tritanopia**  
8A7983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 926FB3 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 #926FB3 looks like.

```
.text, #text, p{  
    color:#926FB3  
}
```

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 #926FB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926FB3
}
```

## Border

The CSS property to change the border of an element to Hex 926FB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

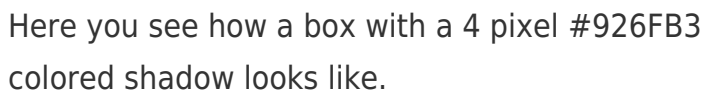
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#926FB3 }
```

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

```
.border{ border-color:#926FB3 }
```

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



Here you see how a box with a 4 pixel #926FB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926FB3; -webkit-box-shadow:4px 4px  
4px 4px #926FB3; box-shadow:4px 4px 4px  
4px #926FB3 }
```

# Background

The CSS property to change the background color of an element to Hex 926FB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926FB3 }
```

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

```
.background{ background-color:#926FB3 }
```

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