

# Converting Colors

Hex(926AD3)

Have a look what the booklet for  
Hex(926AD3) contains.

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**Color**

**Hex(926AD3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	926AD3
RGB	146, 106, 211
RGB Percent	57%, 42%, 83%
CMY	0.4275, 0.5843, 0.1725
CMYK	0.31, 0.50, 0.00, 0.17
HSL	263°, 54%, 62%
HSV	263°, 50%, 83%
XYZ	28.7660, 21.1222, 64.1889
YIQ	129.9300, -9.8650, 41.1350

# Conversions

## Conversions Part 2

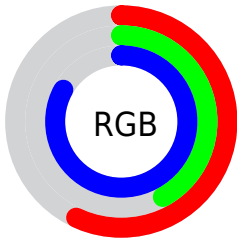
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 106, 211
Decimal	9595603
CIE <sub>Lab</sub>	53.08, 37.93, -48.59
CIE <sub>LCh</sub>	53, 61.640, 307.974
Yxy	21.1222, 0.2522, 0.1852
Android (android.graphics.Color)	4287785683 (0xFF926AD3)
YUV	129.9300, 39.9675, 14.0934
Hunter-Lab	45.9589, 31.2962, -50.6366

# Details

The Hex color **926AD3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ABD36A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CA9EFF**, and **5B399C** is the 20% darker color. If you saturate the color by 10%, you get **8555D3**, and if you desaturate by 10%, it is **9F7FD3**.

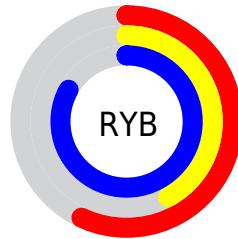
# Distribution



Red (57%)

Green (42%)

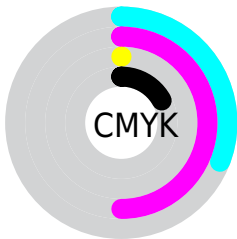
Blue (83%)



Red (57%)

Yellow (42%)

Blue (83%)

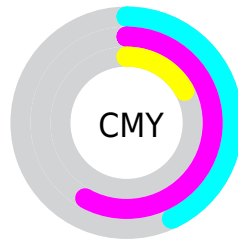


Cyan (31%)

Magenta (50%)

Yellow (0%)

Black (17%)



Cyan (43%)

Magenta (58%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 926AD3 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 926AD3 by changing the saturation by 10% instead.



■ 926AD3

■ 926AD3

FFFFFF

■ 7751B7

■ CA9EFF

■ 5B399C

■ E7B9FF

■ 402281

■ FFD5FF

■ 240A68

■ FFF2FF

■ 03004F

■ 000037

■ 000221

■ 000005

■ 000000

 926AD3

 926AD3

 8555D3

 9F7FD3

 7840D3


 AC94D3

 6B2BD3

 B9A9D3

 5E16D3

 C6BED3

 5101D3

 D3D4D3

 5000D3

 E0E9D3

 EDFED3

 FAFFD3

 FFFFD3

# Harmonies

## Analogous

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



0080E8



926AD3



C951A8

# Triad

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



926AD3



B76D10



00978C

# Complementary

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



926AD3



ABD36A

# 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.



009555



926AD3



8B8100

# Square

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



926AD3



D55640



528E20



0096BF

# Rectangle

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



926AD3



DA4885



528E20



009779



# Sweetspot

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



926AD3



E7D9FF



6AADD3



716980



000000



808080



# Same Dimension

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



926AD3



A066FF



C56AD3



625E69



4000A8



100029



# Inverse Universe

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



D36AAB



FF66C5



78D36A



695E65



A80068

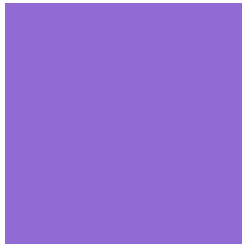


290019



# Previews

## White Background



This preview shows how the Hex color 926AD3 looks on a white background.

## Color Contrast Check

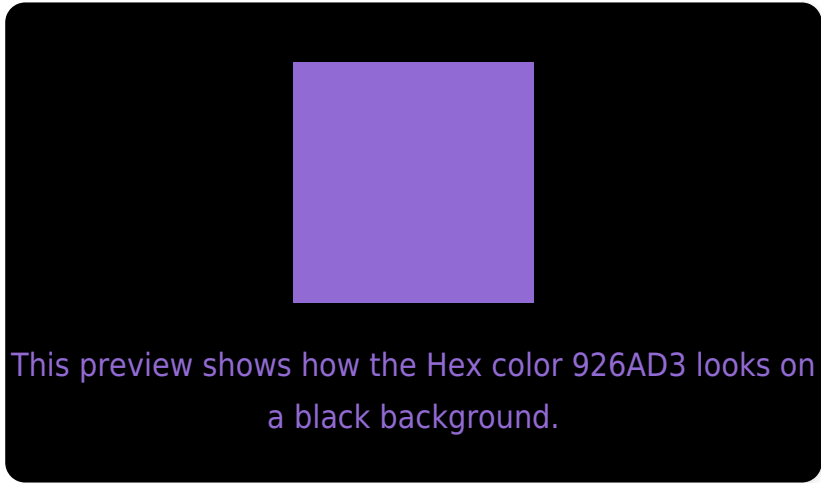
Large Text (above 18pt) WCAG AA ✓ Pass

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

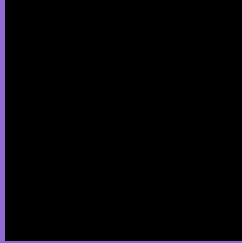
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 926AD3 Background



This preview shows how black text looks on a background with the Hex color 926AD3.

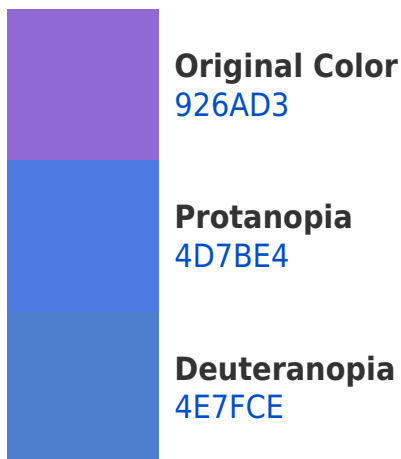


This preview shows how white text looks on a background with the Hex color 926AD3.

# 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](#).

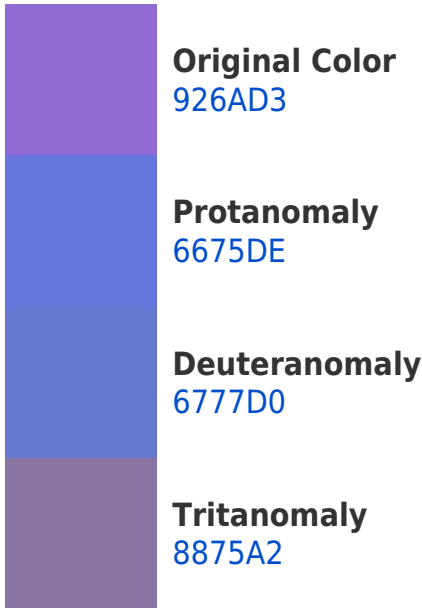
## Dichromacy



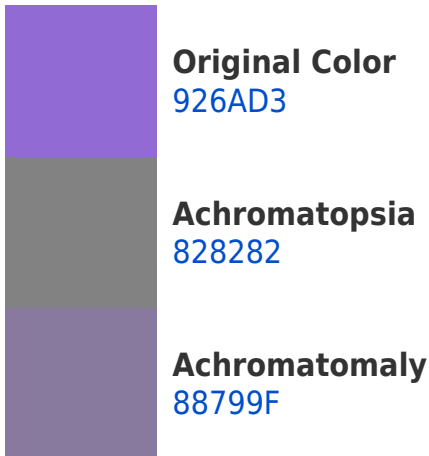


**Tritanopia**  
837C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 926AD3 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 #926AD3 looks like.

```
.text, #text, p{  
    color:#926AD3  
}
```

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 #926AD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #926AD3
}
```

## Border

The CSS property to change the border of an element to Hex 926AD3 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
#926AD3 }
```

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

```
.border{ border-color:#926AD3 }
```

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

Here you see how a box with a 4 pixel #926AD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #926AD3; -webkit-box-shadow:4px 4px  
4px 4px #926AD3; box-shadow:4px 4px 4px  
4px #926AD3 }
```

# Background

The CSS property to change the background color of an element to Hex 926AD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#926AD3 }
```

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

```
.background{ background-color:#926AD3 }
```

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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