

# Converting Colors

Hex(9267CB)

Have a look what the booklet for  
Hex(9267CB) contains.

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# **Color**

**Hex(9267CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9267CB
RGB	146, 103, 203
RGB Percent	57%, 40%, 80%
CMY	0.4275, 0.5961, 0.2039
CMYK	0.28, 0.49, 0.00, 0.20
HSL	266°, 49%, 60%
HSV	266°, 49%, 80%
XYZ	27.4838, 20.1233, 58.9355
YIQ	127.2570, -6.4720, 40.2160

# Conversions

## Conversions Part 2

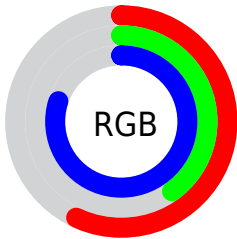
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 103, 203</a>
Decimal	<a href="#">9594827</a>
CIELab	<a href="#">51.98, 37.63, -45.79</a>
CIElCh	<a href="#">52, 59.273, 309.415</a>
Yxy	<a href="#">20.1233, 0.2580, 0.1889</a>
Android (android.graphics.Color)	<a href="#">4287784907 (0xFF9267CB)</a>
YUV	<a href="#">127.2570, 37.3413, 16.4376</a>
Hunter-Lab	<a href="#">44.8590, 30.8586, -46.4937</a>

# Details

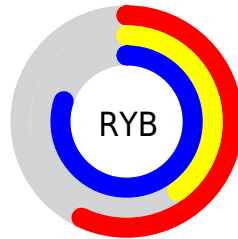
The Hex color **9267CB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A0CB67**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CA9BFF**, and **5C3694** is the 20% darker color. If you saturate the color by 10%, you get **8653CB**, and if you desaturate by 10%, it is **9E7BCB**.

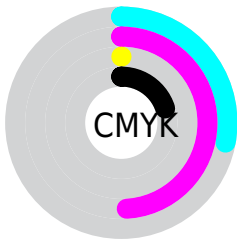
# Distribution



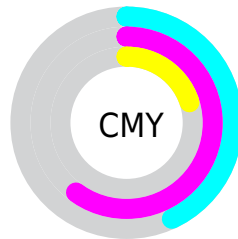
- Red (57%)
- Green (40%)
- Blue (80%)



- Red (57%)
- Yellow (40%)
- Blue (80%)



- Cyan (28%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (43%)
- Magenta (60%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9267CB 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 9267CB by changing the saturation by 10% instead.



■ 9267CB

■ 9267CB

FFFFFF

■ 774EAF

■ CA9BFF

■ 5C3694

■ E7B6FF

■ 411F7A

■ FFD2FF

■ 260661

■ FFEFFF

■ 0B0048

■ 000231

■ 00011B

■ 000000

■ 9267CB

■ 9267CB

 8653CB

 9E7BCB

 7B3ECB

 A990CB

 6F2ACB

 B5A4CB

 6416CB

 C0B8CB

 5802CB

 CCCDCB

 5700CB

 D7E1CB

 E3F5CB

 EFFF CB

 FAFFCB

# Harmonies

## Analogous

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



127DE1



9267CB



C450A1

# Triad

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



9267CB



B06C12



00948B

# Complementary

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



9267CB



A0CB67

# 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.



009156



9267CB



867F00

# Square

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



9267CB



CE563E



4E8B25



0092BB

# Rectangle

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



9267CB



D4487F



4E8B25



009379



# Sweetspot

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



9267CB



E9D9FF



67A1CB



726980



000000



808080



# Same Dimension

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



9267CB



A969FF



C367CB



605C66



4700A6



100026



# Inverse Universe

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



CB67A0



FF69BE



6FCB67



665C62



A6005E

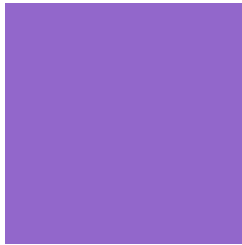


260016



# Previews

## White Background



This preview shows how the Hex color 9267CB looks on a white background.

## Color Contrast Check

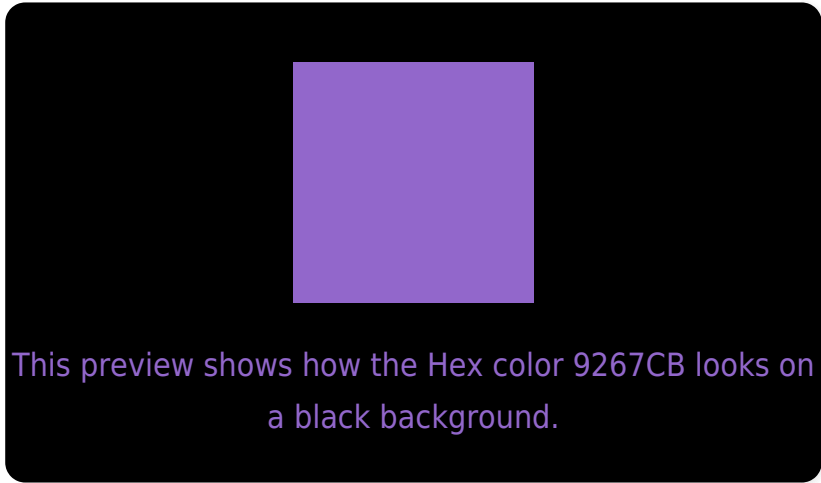
Large Text (above 18pt) WCAG AA ✓ Pass

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

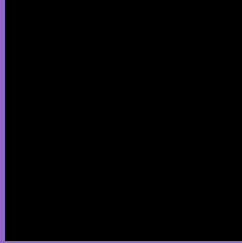
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9267CB Background



This preview shows how black text looks on a background with the Hex color 9267CB.

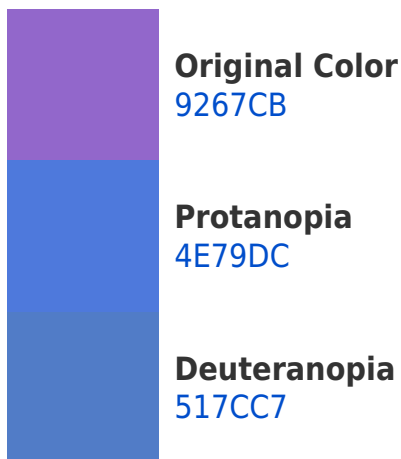


This preview shows how white text looks on a background with the Hex color 9267CB.

# 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**  
847882

# Trichromacy



**Original Color**  
9267CB



**Protanomaly**  
6772D6



**Deuteranomaly**  
6974C8



**Tritanomaly**  
89729D

# Monochromacy



**Original Color**  
9267CB



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
86769B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9267CB 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 #9267CB looks like.

```
.text, #text, p{  
    color:#9267CB  
}
```

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 #9267CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9267CB
}
```

## Border

The CSS property to change the border of an element to Hex 9267CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

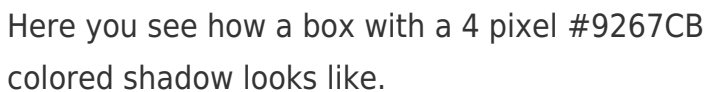
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9267CB }
```

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

```
.border{ border-color:#9267CB }
```

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



Here you see how a box with a 4 pixel #9267CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9267CB; -webkit-box-shadow:4px 4px  
4px 4px #9267CB; box-shadow:4px 4px 4px  
4px #9267CB }
```

# Background

The CSS property to change the background color of an element to Hex 9267CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9267CB }
```

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

```
.background{ background-color:#9267CB }
```

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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