

# Converting Colors

Hex(9666CB)

Have a look what the booklet for  
Hex(9666CB) contains.

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**Color**

**Hex(9666CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9666CB
RGB	150, 102, 203
RGB Percent	59%, 40%, 80%
CMY	0.4118, 0.6000, 0.2039
CMYK	0.26, 0.50, 0.00, 0.20
HSL	269°, 49%, 60%
HSV	269°, 50%, 80%
XYZ	28.1085, 20.2986, 58.9364
YIQ	127.8660, -3.8130, 41.5870

# Conversions

## Conversions Part 2

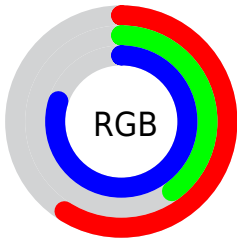
Format	Color
<a href="#">RYB</a>	<a href="#">150, 102, 203</a>
Decimal	<a href="#">9856715</a>
CIELab	<a href="#">52.17, 39.27, -45.45</a>
CIELCh	<a href="#">52, 60.070, 310.827</a>
Yxy	<a href="#">20.2986, 0.2619, 0.1891</a>
Android (android.graphics.Color)	<a href="#">4288046795 (0xFF9666CB)</a>
YUV	<a href="#">127.8660, 37.0411, 19.4115</a>
Hunter-Lab	<a href="#">45.0539, 32.5194, -46.0213</a>

# Details

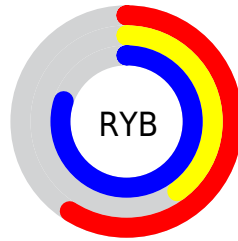
The Hex color **9666CB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9BCB66**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CE9AFF**, and **603594** is the 20% darker color. If you saturate the color by 10%, you get **8B52CB**, and if you desaturate by 10%, it is **A17ACB**.

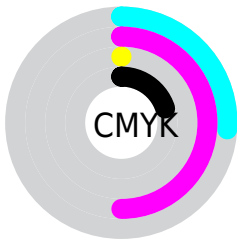
# Distribution



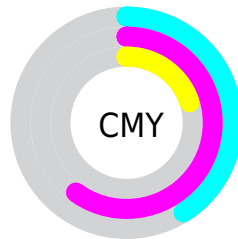
- Red (59%)
- Green (40%)
- Blue (80%)



- Red (59%)
- Yellow (40%)
- Blue (80%)



- Cyan (26%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (41%)
- Magenta (60%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9666CB 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 9666CB by changing the saturation by 10% instead.



9666CB

9666CB

FFFFFF

7B4DAF

CE9AFF

603594

EBB5FF

451D7A

FFD1FF

2B0361

FFEEFF

110048

000031

00011B

000000

9666CB

9666CB

 8B52CB

 A17ACB

 813DCB

 AB8FCB

 7629CB

 B6A3CB

 6B15CB

 C1B7CB

 6101CB

 CBCCCB

 6000CB

 D6E0CB

 E1F4CB

 EBFFCB

 F6FFCB

# Harmonies

## Analogous

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



207CE2



9666CB



C74F9F

# Triad

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



9666CB



B06E0D



00948E

# Complementary

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



9666CB



9BCB66

# 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.



009259



9666CB



848000

# Square

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



9666CB



CE573B



4A8C26



0093BF

# Rectangle

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



9666CB



D6477D



4A8C26



00947C



# Sweetspot

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



9666CB



EBD9FF



669CCB



736980



000000



808080



# Same Dimension

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



9666CB



AF66FF



C866CB



615C66



4F00A6



120026



# Inverse Universe

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



CB669B



FF66B6



69CB66



665C61



A60057

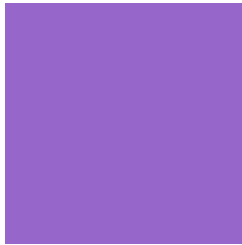


260014



# Previews

## White Background



This preview shows how the Hex color 9666CB looks on a white background.

## Color Contrast Check

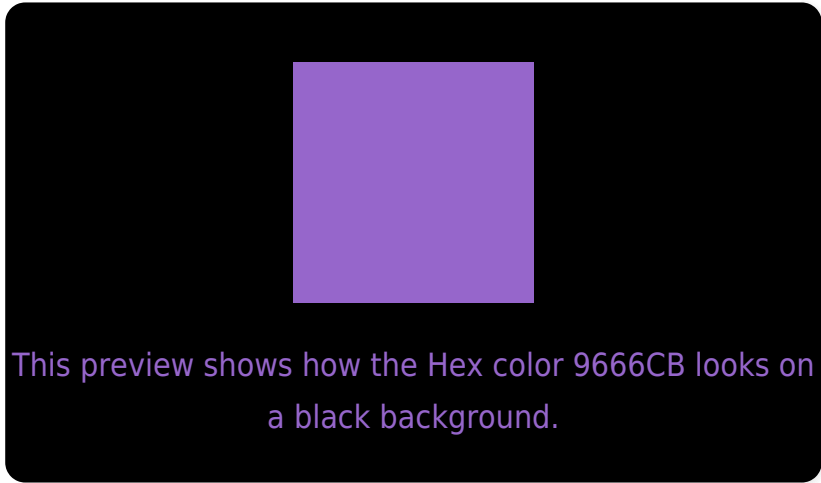
Large Text (above 18pt) WCAG AA ✓ Pass

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

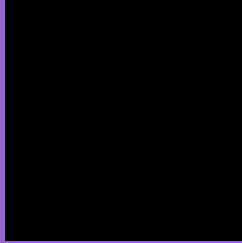
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9666CB Background



This preview shows how black text looks on a background with the Hex color 9666CB.

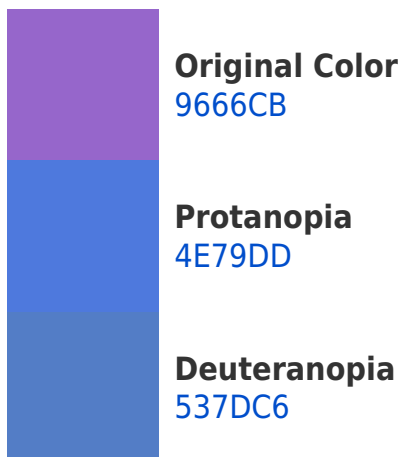


This preview shows how white text looks on a background with the Hex color 9666CB.

# 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](#).

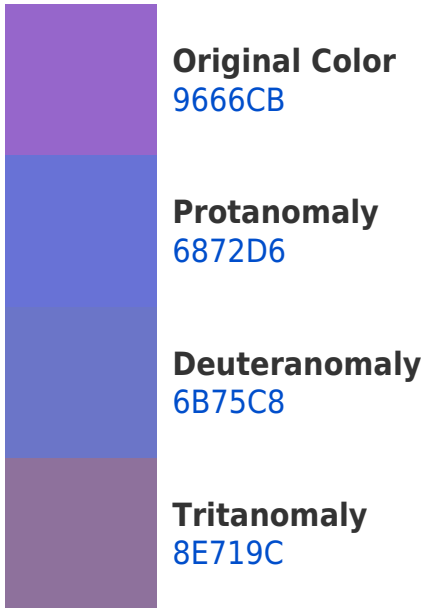
## Dichromacy



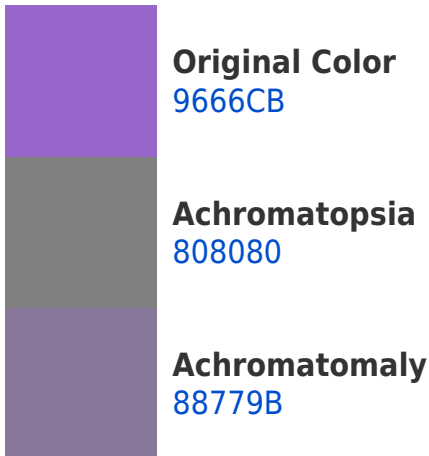


**Tritanopia**  
897881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9666CB 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 #9666CB looks like.

```
.text, #text, p{  
    color:#9666CB  
}
```

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 #9666CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9666CB
}
```

## Border

The CSS property to change the border of an element to Hex 9666CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

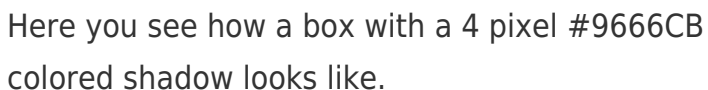
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9666CB }
```

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

```
.border{ border-color:#9666CB }
```

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



Here you see how a box with a 4 pixel #9666CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9666CB; -webkit-box-shadow:4px 4px  
4px 4px #9666CB; box-shadow:4px 4px 4px  
4px #9666CB }
```

# Background

The CSS property to change the background color of an element to Hex 9666CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9666CB }
```

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

```
.background{ background-color:#9666CB }
```

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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