

# Converting Colors

Hex(9B6292)

Have a look what the booklet for  
Hex(9B6292) contains.

<b>Hex(9B6292)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9B6292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6292
RGB	155, 98, 146
RGB Percent	61%, 38%, 57%
CMY	0.3922, 0.6157, 0.4275
CMYK	0.00, 0.37, 0.06, 0.39
HSL	309°, 23%, 50%
HSV	309°, 37%, 61%
XYZ	23.0736, 17.7793, 29.4098
YIQ	120.5150, 18.5640, 27.0120

# Conversions

## Conversions Part 2

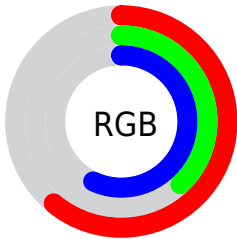
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 98, 146
Decimal	10183314
CIE Lab	49.23, 30.76, -16.82
CIE LCh	49, 35.057, 331.325
Yxy	17.7793, 0.3284, 0.2530
Android (android.graphics.Color)	4288373394 (0xFF9B6292)
YUV	120.5150, 12.5641, 30.2433
Hunter-Lab	42.1654, 23.8883, -11.8381

# Details

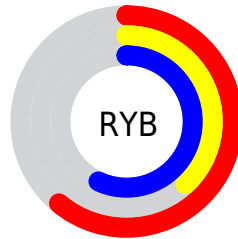
The Hex color **9B6292** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **629B6B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D296C8**, and **67315F** is the 20% darker color. If you saturate the color by 10%, you get **9B5390**, and if you desaturate by 10%, it is **9B7294**.

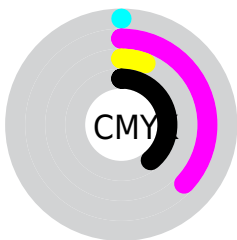
# Distribution



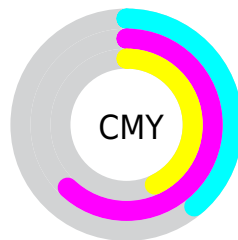
- Red (61%)
- Green (38%)
- Blue (57%)



- Red (61%)
- Yellow (38%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6292 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 9B6292 by changing the saturation by 10% instead.



 9B6292

 9B6292

FFFFFF

 804978

 D296C8

 67315F

 EFB1E4

 4E1A48

 FFCDFE

 350231

 FFE9FF

 22001C

 000000

 9B6292

 9B6292

 9B5390

 9B7294

 9B438D

 9B8197

 9B348B

 9B9199

 9B2488

 9BA09C

 9B1586

 9BB09E

 9B0583

 9BBFA1

 9B0083

 9BCFA3

 9BDEA6

 9BEEA8

# Harmonies

## Analogous

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



796DA8



9B6292



AC5D75

# Triad

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



9B6292



867438



008493

# Complementary

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



9B6292



629B6B

# 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.



008475



9B6292



677C41

# Square

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



9B6292



9E6941



428257



007FA9

# Rectangle

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



9B6292



AE5E61



428257



00848A



# Sweetspot

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



9B6292



C9B3C6



6B629B



665964



E6E6E6



666666



# Same Dimension

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



9B6292



C971BB



9B6276



4D454B



8C0076



0D000B



# Inverse Universe

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



9B6292



C971BB



629B87



4D454B



8C0076

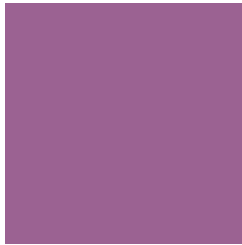


0D000B



# Previews

## White Background



This preview shows how the Hex color 9B6292 looks on a white background.

## Color Contrast Check

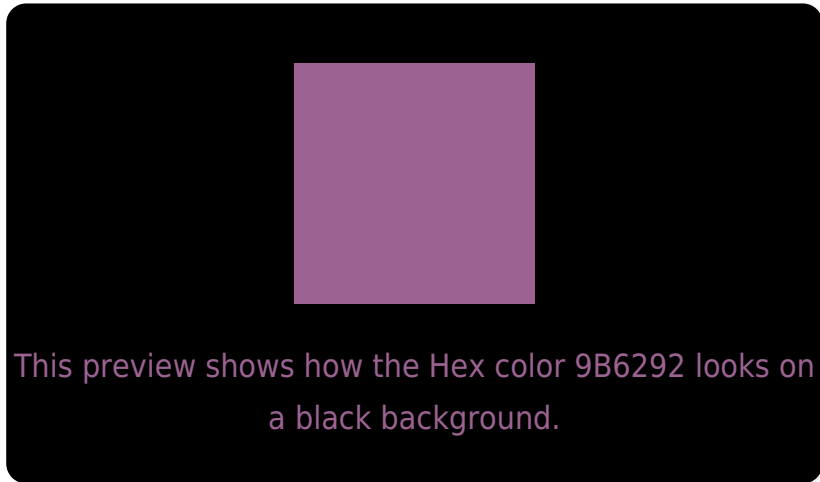
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

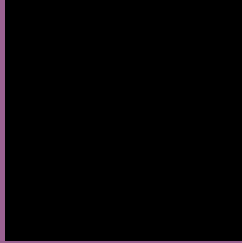
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B6292 Background



This preview shows how black text looks on a background with the Hex color 9B6292.



This preview shows how white text looks on a background with the Hex color 9B6292.

# 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**  
9B6292

**Protanopia**  
69749F

**Deuteranopia**  
74738F



**Tritanopia**  
976971

# Trichromacy



**Original Color**  
9B6292

**Protanomaly**  
7B6D9A

**Deuteranomaly**  
826D90

**Tritanomaly**  
98667D

# Monochromacy



**Original Color**  
9B6292

**Achromatopsia**  
797979

**Achromatomaly**  
857182

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6292 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 #9B6292 looks like.

```
.text, #text, p{  
    color:#9B6292  
}
```

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 #9B6292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6292
}
```

## Border

The CSS property to change the border of an element to Hex 9B6292 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
#9B6292 }
```

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

```
.border{ border-color:#9B6292 }
```

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

Here you see how a box with a 4 pixel #9B6292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6292; -webkit-box-shadow:4px 4px  
4px 4px #9B6292; box-shadow:4px 4px 4px  
4px #9B6292 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6292 }
```

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

```
.background{ background-color:#9B6292 }
```

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