

# Converting Colors

Hex(907CC7)

Have a look what the booklet for  
Hex(907CC7) contains.

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# Color

Hex(907CC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	907CC7
RGB	144, 124, 199
RGB Percent	56%, 49%, 78%
CMY	0.4353, 0.5137, 0.2196
CMYK	0.28, 0.38, 0.00, 0.22
HSL	256°, 40%, 63%
HSV	256°, 38%, 78%
XYZ	29.0181, 24.4681, 57.2262
YIQ	138.5300, -12.1550, 27.5650

# Conversions

## Conversions Part 2

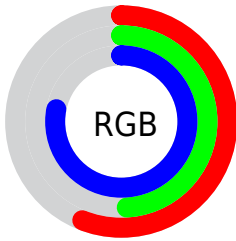
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 124, 199
Decimal	9469127
CIELab	56.55, 23.95, -36.31
CIElCh	57, 43.495, 303.405
Yxy	24.4681, 0.2621, 0.2210
Android (android.graphics.Color)	4287659207 (0xFF907CC7)
YUV	138.5300, 29.8117, 4.7972
Hunter-Lab	49.4653, 18.1502, -33.9668

# Details

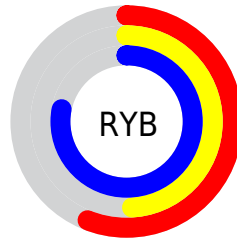
The Hex color **907CC7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **B3C77C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C7B1FF**, and **5B4B91** is the 20% darker color. If you saturate the color by 10%, you get **8168C7**, and if you desaturate by 10%, it is **9F90C7**.

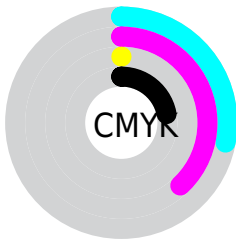
# Distribution



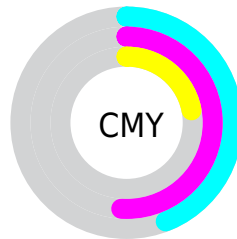
- Red (56%)
- Green (49%)
- Blue (78%)



- Red (56%)
- Yellow (49%)
- Blue (78%)



- Cyan (28%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (51%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 907CC7 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 907CC7 by changing the saturation by 10% instead.



■ 907CC7

■ 907CC7

FFFFFF

■ 7563AB

■ C7B1FF

■ 5B4B91

■ E4CCFF

■ 423477

■ FFE8FF

■ 281E5E

■ 0C0A46

■ 00002F

■ 000119

■ 000000

■ 907CC7

■ 907CC7

8168C7

9F90C7

7354C7

ADA4C7

6440C7

BCB8C7

562CC7

CACCC7

4719C7

D9E0C7

3805C7

E8F3C7

3500C7

F6FFC7

FFFFC7

# Harmonies

## Analogous

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



4C8AD3



907CC7



BA6EAA

# Triad

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



907CC7



B97944



009B8B

# Complementary

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



907CC7



B3C77C

# 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.



3F9864



907CC7



9A8739

# Square

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



907CC7



CC6D60



729246



009AB0

# Rectangle

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



907CC7



C96892



729246



009A7E



# Sweetspot

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



907CC7



EAE3FF



7CB3C7



736F80



000000



808080



# Same Dimension

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



907CC7



AB8CFF



B67CC7



5C5A63



2C00A3



0A0024



# Inverse Universe

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



C77CB3



FF8CE0



8EC77C



635A61



A30078

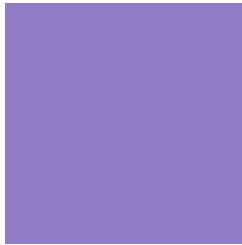


24001A



# Previews

## White Background



This preview shows how the Hex color 907CC7 looks on a white background.

## Color Contrast Check

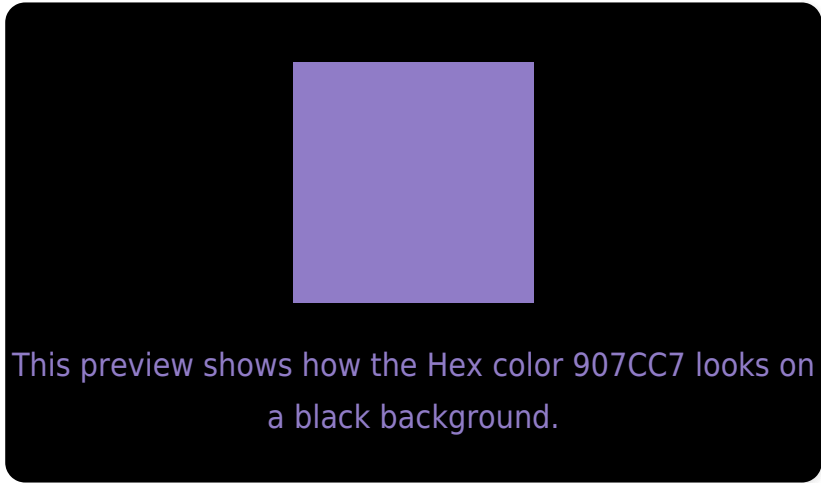
Large Text (above 18pt) WCAG AA ✓ Pass

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

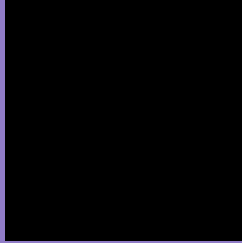
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 907CC7 Background



This preview shows how black text looks on a background with the Hex color 907CC7.

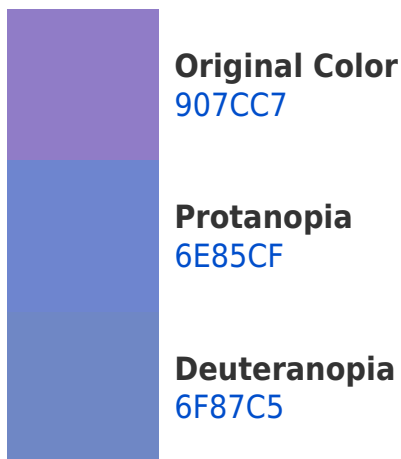


This preview shows how white text looks on a background with the Hex color 907CC7.

# 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](#).

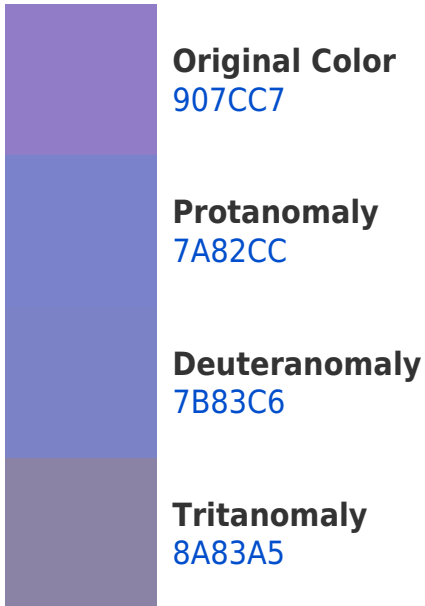
## Dichromacy



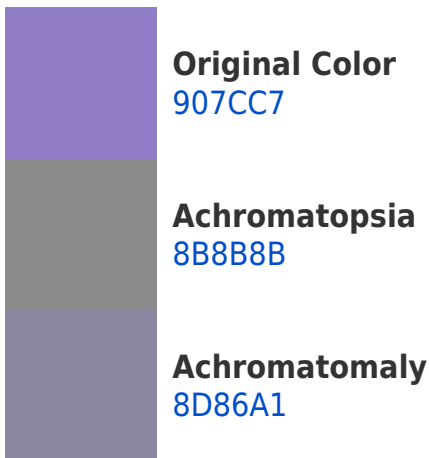


**Tritanopia**  
868792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 907CC7 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 #907CC7 looks like.

```
.text, #text, p{  
    color:#907CC7  
}
```

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 #907CC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #907CC7
}
```

## Border

The CSS property to change the border of an element to Hex 907CC7 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
#907CC7 }
```

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

```
.border{ border-color:#907CC7 }
```

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

Here you see how a box with a 4 pixel #907CC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #907CC7; -webkit-box-shadow:4px 4px  
4px 4px #907CC7; box-shadow:4px 4px 4px  
4px #907CC7 }
```

# Background

The CSS property to change the background color of an element to Hex 907CC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#907CC7 }
```

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

```
.background{ background-color:#907CC7 }
```

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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