

# Converting Colors

Hex(902ABB)

Have a look what the booklet for  
Hex(902ABB) contains.

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**Color**

**Hex(902ABB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	902ABB
RGB	144, 42, 187
RGB Percent	56%, 16%, 73%
CMY	0.4353, 0.8353, 0.2667
CMYK	0.23, 0.78, 0.00, 0.27
HSL	282°, 63%, 45%
HSV	282°, 78%, 73%
XYZ	21.2992, 11.1731, 48.0477
YIQ	89.0280, 14.2470, 66.7190

# Conversions

## Conversions Part 2

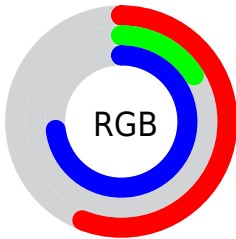
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 42, 187
Decimal	9448123
CIELab	39.87, 62.88, -55.94
CIELCh	40, 84.159, 318.344
Yxy	11.1731, 0.2645, 0.1388
Android (android.graphics.Color)	4287638203 (0xFF902ABB)
YUV	89.0280, 48.3002, 48.2104
Hunter-Lab	33.4262, 55.2448, -61.8269

# Details

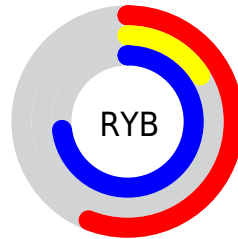
The Hex color **902ABB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **55BB2A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CA63F4**, and **580085** is the 20% darker color. If you saturate the color by 10%, you get **8A17BB**, and if you desaturate by 10%, it is **963DBB**.

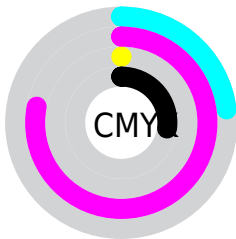
# Distribution



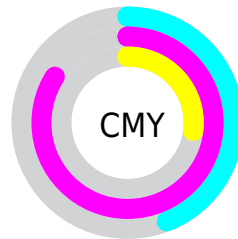
- Red (56%)
- Green (16%)
- Blue (73%)



- Red (56%)
- Yellow (16%)
- Blue (73%)



- Cyan (23%)
- Magenta (78%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (84%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 902ABB 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 902ABB by changing the saturation by 10% instead.



 902ABB

 902ABB

FFFFFF

 74009F

 CA63F4

 580085

 E77FFF

 3C006B

 FF9AFF

 230052

 FFB7FF

 00003A

 FFD3FF

 000223

 FFF1FF

 00000A

 000000

 902ABB

 902ABB

8A17BB

963DBB

8505BB

9B4FBB

8400BB

A162BB

A675BB

AC88BB

B19ABB

B7ADBB

BCC0BB

C2D2BB

# Harmonies

## Analogous

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



0059E4



902ABB



C6007C

# Triad

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



902ABB



895100



007888

# Complementary

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



902ABB



55BB2A

# 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.



007740



902ABB



4B6800

# Square

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



902ABB



B62300



007200



0077C5

# Rectangle

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



902ABB



CF004F



007200



007870



# Sweetspot

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



902ABB



E2BBF2



2A55BB



70587A



FAFAFA



7A7A7A



# Same Dimension

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



902ABB



AF11F2



BB2A9E



5C555E



6F009E



16001F



# Inverse Universe

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



BB2A55



F21154



2ABB47



5E5558



9E002F

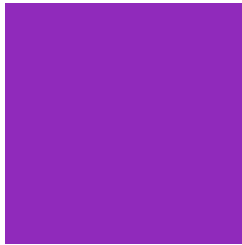


1F0009



# Previews

## White Background



This preview shows how the Hex color 902ABB 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 × Fail

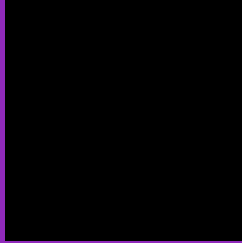
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 902ABB Background



This preview shows how black text looks on a background with the Hex color 902ABB.

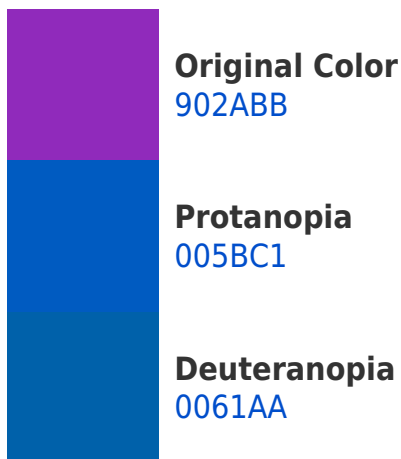


This preview shows how white text looks on a background with the Hex color 902ABB.

# 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**  
815157

# Trichromacy



**Original Color**  
902ABB



**Protanomaly**  
3449BF



**Deuteranomaly**  
344DB0



**Tritanomaly**  
86437B

# Monochromacy



**Original Color**  
902ABB



**Achromatopsia**  
595959



**Achromatomaly**  
6D487D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 902ABB 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 #902ABB looks like.

```
.text, #text, p{  
    color:#902ABB  
}
```

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 #902ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902ABB
}
```

## Border

The CSS property to change the border of an element to Hex 902ABB 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".

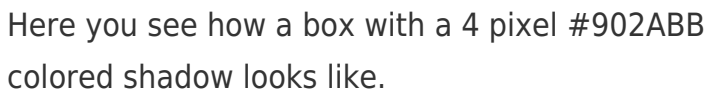
```
.border, #border, table{ border:4px solid
#902ABB }
```

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

```
.border{ border-color:#902ABB }
```

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

Here you see how a box with a 4 pixel #902ABB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902ABB; -webkit-box-shadow:4px 4px  
4px 4px #902ABB; box-shadow:4px 4px 4px  
4px #902ABB }
```

# Background

The CSS property to change the background color of an element to Hex 902ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902ABB }
```

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

```
.background{ background-color:#902ABB }
```

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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