

Converting Colors

Hex(902B87)

Have a look what the booklet for
Hex(902B87) contains.

Hex(902B87)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(902B87)

Conversions

Conversions Part 1

Format	Color
Hex	902B87
RGB	144, 43, 135
RGB Percent	56%, 17%, 53%
CMY	0.4353, 0.8314, 0.4706
CMYK	0.00, 0.70, 0.06, 0.44
HSL	305°, 54%, 37%
HSV	305°, 70%, 56%
XYZ	16.7387, 9.4063, 23.8550
YIQ	83.6870, 30.6640, 50.0240

Conversions

Conversions Part 2

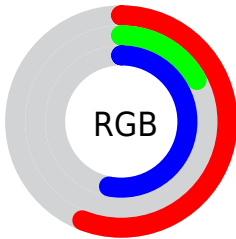
Format	Color
RYB	144, 43, 135
Decimal	9448327
CIELab	36.76, 52.87, -29.61
CIElCh	37, 60.597, 330.747
Yxy	9.4063, 0.3348, 0.1881
Android (android.graphics.Color)	4287638407 (0xFF902B87)
YUV	83.6870, 25.2973, 52.8945
Hunter-Lab	30.6697, 43.7482, -24.6472

Details

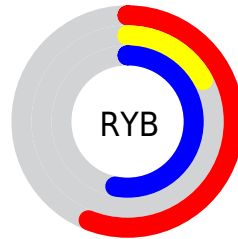
The Hex color **902B87** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2B9034**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C862BD**, and **5A0055** is the 20% darker color. If you saturate the color by 10%, you get **901D86**, and if you desaturate by 10%, it is **903988**.

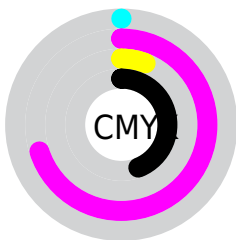
Distribution



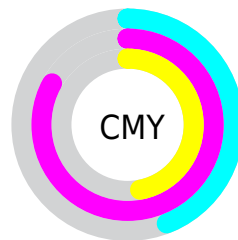
- Red (56%)
- Green (17%)
- Blue (53%)



- Red (56%)
- Yellow (17%)
- Blue (53%)



- Cyan (0%)
- Magenta (70%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 902B87 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 902B87 by changing the saturation by 10% instead.

 902B87

 902B87

FFFFFF

 75066D

 C862BD

 5A0055

 E67DD9

 40003D

 FF98F5

 280027

 FFB4FF

 000110

 FFD0FF

 000000

 FFEDFF

 902B87

 902B87

 901D86

 903988

900E84

90488A

900083

90568B

90658C

90738D

90818F

909090

909E91

90AD93

Harmonies

Analogous

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



5149AB



902B87



A90F57

Triad

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



902B87



695500



006B87

Complementary

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



902B87



2B9034

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.



006B56



902B87



376200

Square

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



902B87



8E4000



006822



0067AC

Rectangle

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



902B87



A91937



006822



006B78

Sweetspot

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



902B87



BA93B7



332B90



5E475C



DEDEDE



5E5E5E

Same Dimension

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



902B87



BA1EAC



902B55



474047



87007B



080007

Inverse Universe

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



902B87



BA1EAC



2B9066



474047



87007B



080007

Previews

White Background



This preview shows how the Hex color 902B87 looks on a white background.

Color Contrast Check

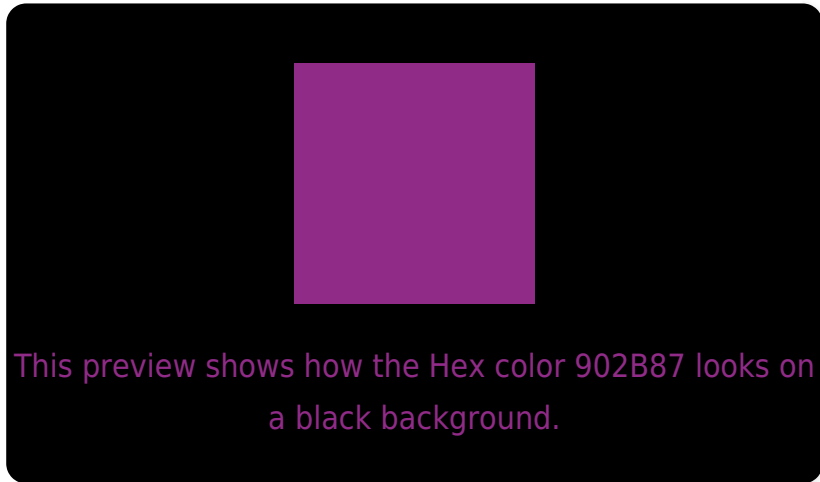
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

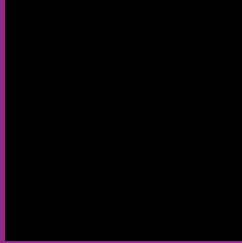
Any Text WCAG AA × Fail

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 902B87 Background



This preview shows how black text looks on a background with the Hex color 902B87.

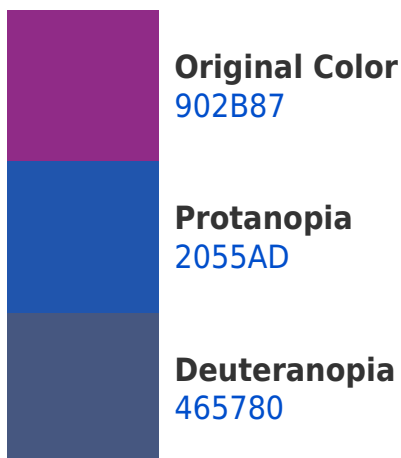


This preview shows how white text looks on a background with the Hex color 902B87.

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](#).

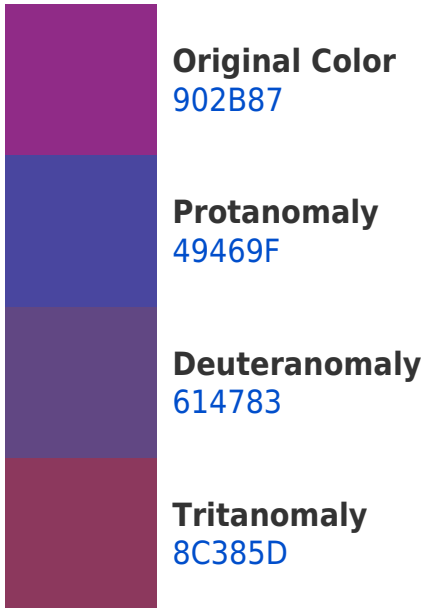
Dichromacy



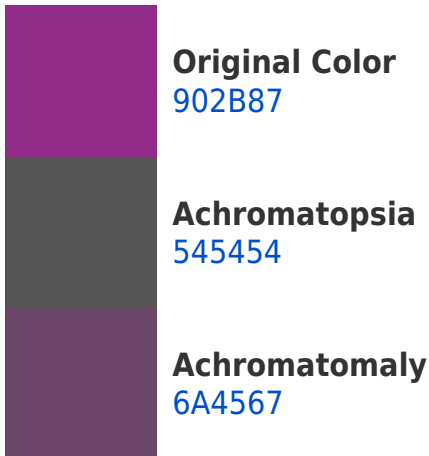


Tritanopia
894045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 902B87 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 #902B87 looks like.

```
.text, #text, p{  
    color:#902B87  
}
```

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 #902B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902B87
}
```

Border

The CSS property to change the border of an element to Hex 902B87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

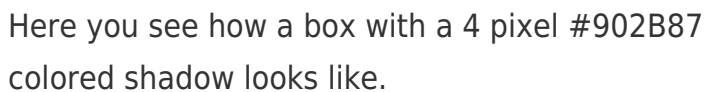
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#902B87 }
```

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

```
.border{ border-color:#902B87 }
```

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



Here you see how a box with a 4 pixel #902B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902B87; -webkit-box-shadow:4px 4px  
4px 4px #902B87; box-shadow:4px 4px 4px  
4px #902B87 }
```

Background

The CSS property to change the background color of an element to Hex 902B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902B87 }
```

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

```
.background{ background-color:#902B87 }
```

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