

# Converting Colors

Hex(912B84)

Have a look what the booklet for  
Hex(912B84) contains.

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**Color**

**Hex(912B84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	912B84
RGB	145, 43, 132
RGB Percent	57%, 17%, 52%
CMY	0.4314, 0.8314, 0.4824
CMYK	0.00, 0.70, 0.09, 0.43
HSL	308°, 54%, 37%
HSV	308°, 70%, 57%
XYZ	16.7058, 9.4134, 22.7663
YIQ	83.6440, 32.2230, 49.3030

# Conversions

## Conversions Part 2

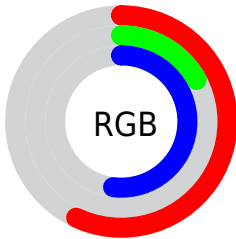
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 43, 132
Decimal	9513860
CIE <sub>Lab</sub>	36.77, 52.63, -27.73
CIE <sub>LCh</sub>	37, 59.485, 332.218
Yxy	9.4134, 0.3417, 0.1926
Android (android.graphics.Color)	4287703940 (0xFF912B84)
YUV	83.6440, 23.8395, 53.8092
Hunter-Lab	30.6813, 43.4998, -22.5177

# Details

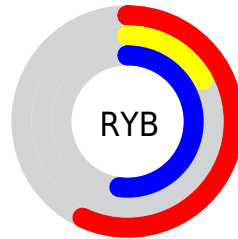
The Hex color **912B84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2B9138**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **CA62B9**, and **5B0052** is the 20% darker color. If you saturate the color by 10%, you get **911D82**, and if you desaturate by 10%, it is **913A86**.

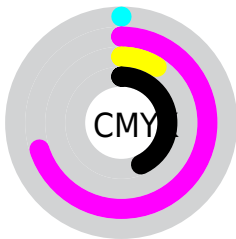
# Distribution



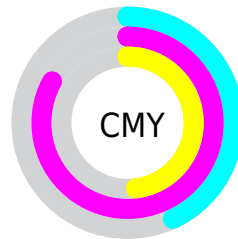
- Red (57%)
- Green (17%)
- Blue (52%)



- Red (57%)
- Yellow (17%)
- Blue (52%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (43%)




- Cyan (43%)
- Magenta (83%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 912B84 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 912B84 by changing the saturation by 10% instead.



 912B84

 912B84

FFFFFF

 76066B

 CA62B9

 5B0052

 E77DD5

 41003B

 FF98F2

 290025

 FFB4FF

 00000C

 FFD0FF

 000000

 FFEDFF

 912B84

 912B84

 911D82

 913A86

910E80

914888

91007F

91578A

91658B

91748D

91828F

919191

919F93

91AE95

# Harmonies

## Analogous

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



5648A8



912B84



A81355

# Triad

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



912B84



675600



006B89

# Complementary

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



912B84



2B9138

# 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.



006B59



912B84



356200

# Square

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



912B84



8C4200



006826



0067AC

# Rectangle

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



912B84



A81D36



006826



006B7A



# Sweetspot

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



912B84



BD95B8



372B91



5E475B



DEDEDE



5E5E5E



# Same Dimension

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



912B84



BD1EA8



912B52



474046



870076



080007



# Inverse Universe

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



912B84



BD1EA8



2B916A



474046



870076



080007



# Previews

## White Background



This preview shows how the Hex color 912B84 looks on a white background.

## Color Contrast Check

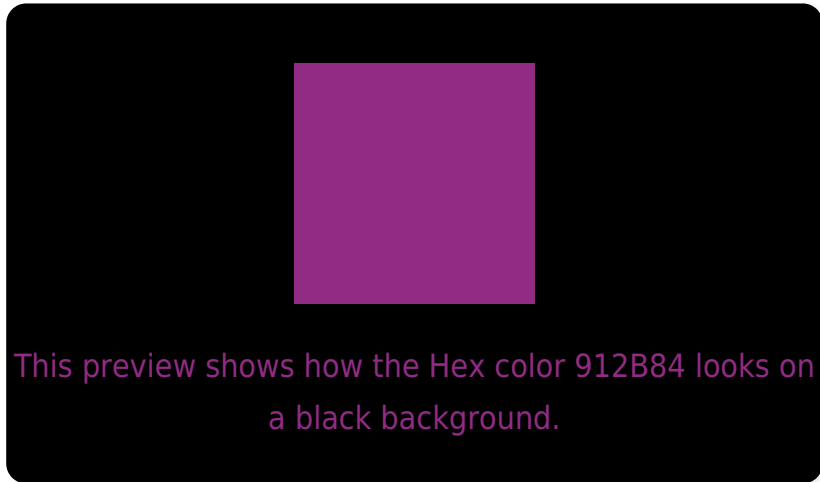
Large Text (above 18pt) WCAG AA ✓ Pass

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

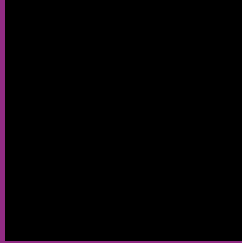
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 912B84 Background



This preview shows how black text looks on a background with the Hex color 912B84.



This preview shows how white text looks on a background with the Hex color 912B84.

# 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](#).

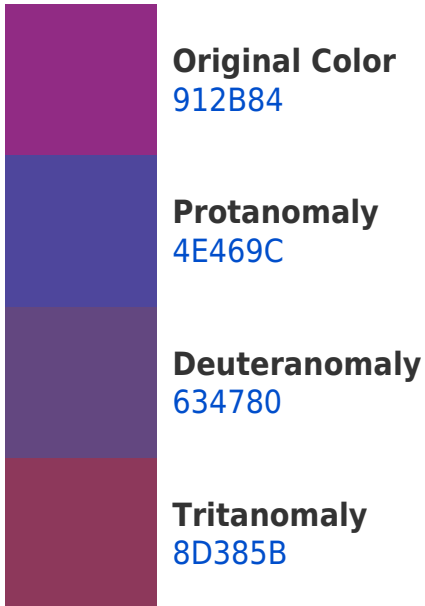
## Dichromacy



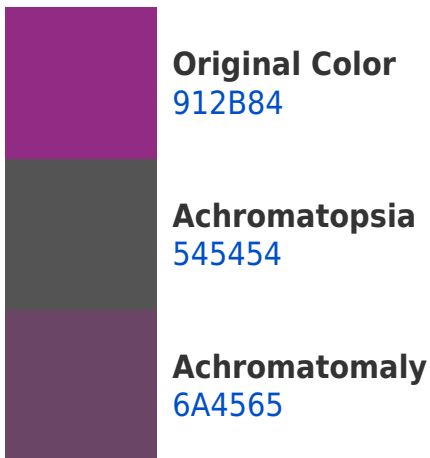


**Tritanopia**  
8A3F44

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 912B84 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 #912B84 looks like.

```
.text, #text, p{  
    color:#912B84  
}
```

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 #912B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #912B84
}
```

## Border

The CSS property to change the border of an element to Hex 912B84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

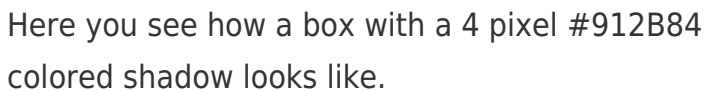
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#912B84 }
```

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

```
.border{ border-color:#912B84 }
```

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



Here you see how a box with a 4 pixel #912B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #912B84; -webkit-box-shadow:4px 4px  
4px 4px #912B84; box-shadow:4px 4px 4px  
4px #912B84 }
```

# Background

The CSS property to change the background color of an element to Hex 912B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#912B84 }
```

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

```
.background{ background-color:#912B84 }
```

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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