

# Converting Colors

Hex(9428B2)

Have a look what the booklet for  
Hex(9428B2) contains.

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**Color**

**Hex(9428B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9428B2
RGB	148, 40, 178
RGB Percent	58%, 16%, 70%
CMY	0.4196, 0.8431, 0.3020
CMYK	0.17, 0.78, 0.00, 0.30
HSL	287°, 63%, 43%
HSV	287°, 78%, 70%
XYZ	21.0074, 11.0278, 43.1409
YIQ	88.0240, 20.0700, 65.8140

# Conversions

## Conversions Part 2

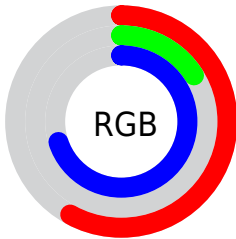
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 40, 178
Decimal	9709746
CIE <sub>Lab</sub>	39.63, 62.53, -50.99
CIE <sub>LCh</sub>	40, 80.685, 320.809
Yxy	11.0278, 0.2794, 0.1467
Android (android.graphics.Color)	4287899826 (0xFF9428B2)
YUV	88.0240, 44.3582, 52.5990
Hunter-Lab	33.2082, 54.8043, -53.7781

# Details

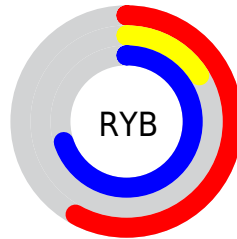
The Hex color **9428B2** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **46B228**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CE62EA**, and **5C007C** is the 20% darker color. If you saturate the color by 10%, you get **9016B2**, and if you desaturate by 10%, it is **983AB2**.

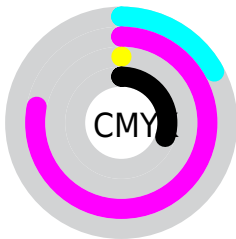
# Distribution



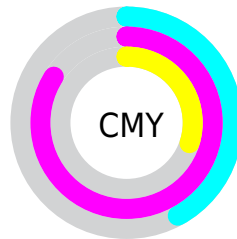
- Red (58%)
- Green (16%)
- Blue (70%)



- Red (58%)
- Yellow (16%)
- Blue (70%)



- Cyan (17%)
- Magenta (78%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (84%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9428B2 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 9428B2 by changing the saturation by 10% instead.



 9428B2

 9428B2

FFFFFF

 780097

 CE62EA

 5C007C

 EB7DFF

 410063

 FF99FF

 29004A

 FFB5FF

 000032

 FFD2FF

 00021C

 FFF0FF

 000000

 9428B2

 9428B2

 9016B2

 983AB2

8C04B2

9C4CB2

8B00B2

A05DB2

A36FB2

A781B2

AB93B2

AFA5B2

B3B6B2

B7C8B2

# Harmonies

## Analogous

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



0056DB



9428B2



C30075

# Triad

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



9428B2



835400



00778B

# Complementary

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



9428B2



46B228

# 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.



007646



9428B2



476800

# Square

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



9428B2



B02D00



007100



0076C4

# Rectangle

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



9428B2



CB0049



007100



007774



# Sweetspot

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



9428B2



DCB3E8



2848B2



6E5475



F5F5F5



757575



# Same Dimension

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



9428B2



B910E8



B2288D



575059



780099



14001A



# Inverse Universe

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



B22846



E8103F



28B24D



595052



990021

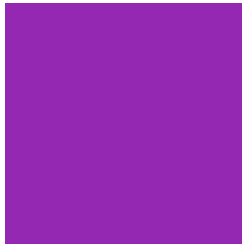


1A0006



# Previews

## White Background



This preview shows how the Hex color 9428B2 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

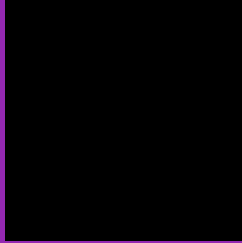
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9428B2 Background



This preview shows how black text looks on a background with the Hex color 9428B2.

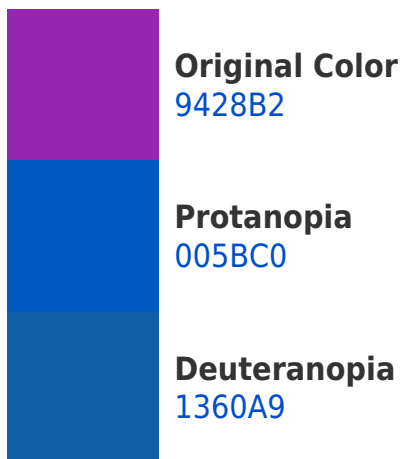


This preview shows how white text looks on a background with the Hex color 9428B2.

# 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](#).

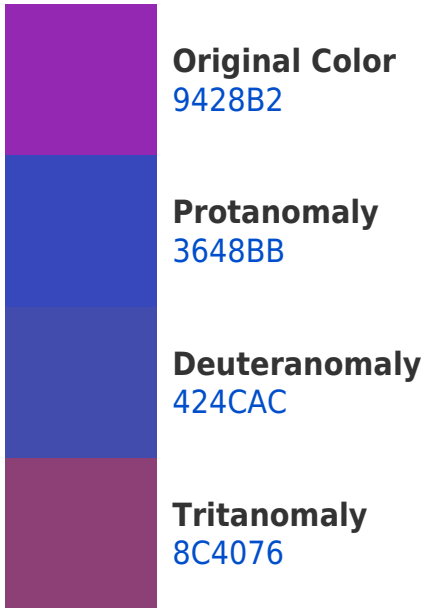
## Dichromacy



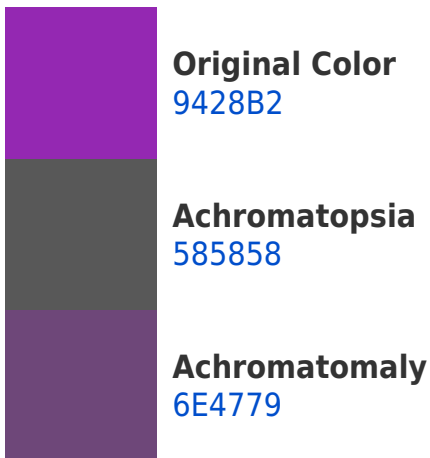


**Tritanopia**  
874D53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9428B2 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 #9428B2 looks like.

```
.text, #text, p{  
    color:#9428B2  
}
```

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 #9428B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9428B2
}
```

## Border

The CSS property to change the border of an element to Hex 9428B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

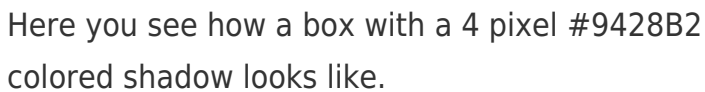
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9428B2 }
```

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

```
.border{ border-color:#9428B2 }
```

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



Here you see how a box with a 4 pixel #9428B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9428B2; -webkit-box-shadow:4px 4px  
4px 4px #9428B2; box-shadow:4px 4px 4px  
4px #9428B2 }
```

# Background

The CSS property to change the background color of an element to Hex 9428B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9428B2 }
```

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

```
.background{ background-color:#9428B2 }
```

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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