

# Converting Colors

Hex(9258AB)

Have a look what the booklet for  
Hex(9258AB) contains.

<b>Hex(9258AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9258AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9258AB
RGB	146, 88, 171
RGB Percent	57%, 35%, 67%
CMY	0.4275, 0.6549, 0.3294
CMYK	0.15, 0.49, 0.00, 0.33
HSL	282°, 33%, 51%
HSV	282°, 49%, 67%
XYZ	22.6945, 16.0307, 40.4262
YIQ	114.8040, 7.9250, 38.1090

# Conversions

## Conversions Part 2

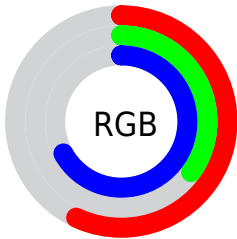
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 88, 171
Decimal	9590955
CIE <sub>Lab</sub>	47.01, 38.58, -35.10
CIE <sub>LCh</sub>	47, 52.156, 317.701
Yxy	16.0307, 0.2867, 0.2025
Android (android.graphics.Color)	4287781035 (0xFF9258AB)
YUV	114.8040, 27.7046, 27.3589
Hunter-Lab	40.0384, 31.1099, -31.8374

# Details

The Hex color **9258AB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **71AB58**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **C98CE3**, and **5D2776** is the 20% darker color. If you saturate the color by 10%, you get **8D47AB**, and if you desaturate by 10%, it is **9769AB**.

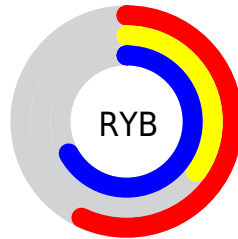
# Distribution



Red (57%)

Green (35%)

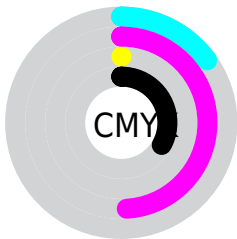
Blue (67%)



Red (57%)

Yellow (35%)

Blue (67%)

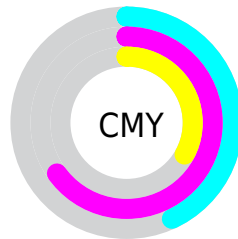


Cyan (15%)

Magenta (49%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (65%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9258AB 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 9258AB by changing the saturation by 10% instead.



9258AB

9258AB

FFFFFF

773F90

C98CE3

5D2776

E6A6FF

440D5D

FFC2FF

2B0045

FFDEFF

15002E

FFFBFF

000118

000000

9258AB

9258AB

8D47AB

9769AB

8836AB

9C7AAB

8325AB

A18BAB

7D14AB

A79CAB

7803AB

ACADAB

7700AB

B1BFAB

B6D0AB

BBE1AB

C0F2AB

# Harmonies

## Analogous

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



4B6BC3



9258AB



B54783

# Triad

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



9258AB



94670E



008489

# Complementary

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



9258AB



71AB58

# 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.



00835B



9258AB



6D750D

# Square

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



9258AB



B15530



377E30



0081B0

# Rectangle

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



9258AB



BE4466



377E30



00847A



# Sweetspot

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



9258AB



D4BDDE



5872AB



6A5C70



F0F0F0



707070



# Same Dimension

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



9258AB



B75DDE



AB589C



544E57



690096



100017



# Inverse Universe

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



AB5871



DE5D84



58AB67



574E51



96002D

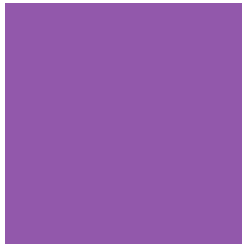


170007



# Previews

## White Background



This preview shows how the Hex color 9258AB looks on a white background.

## Color Contrast Check

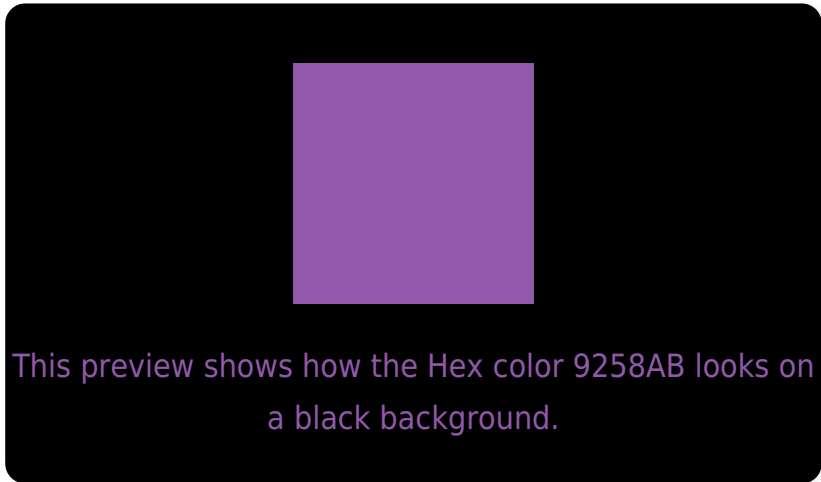
Large Text (above 18pt) WCAG AA ✓ Pass

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

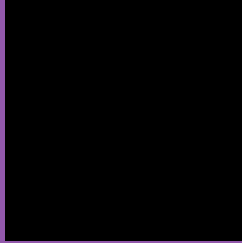
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9258AB Background



This preview shows how black text looks on a background with the Hex color 9258AB.

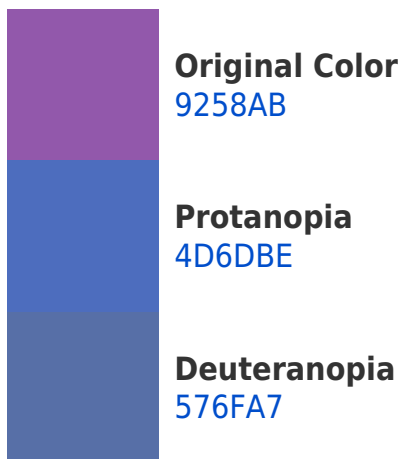


This preview shows how white text looks on a background with the Hex color 9258AB.

# 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](#).

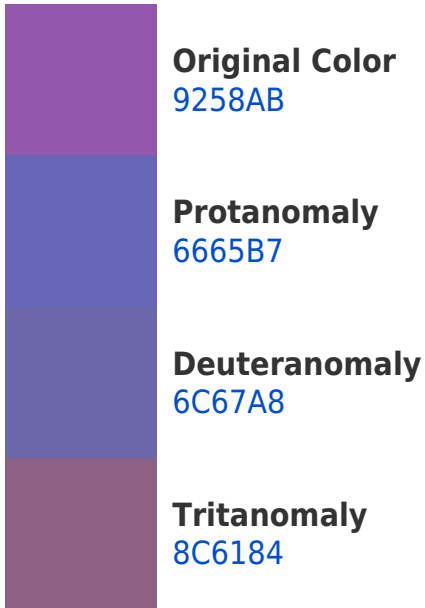
## Dichromacy



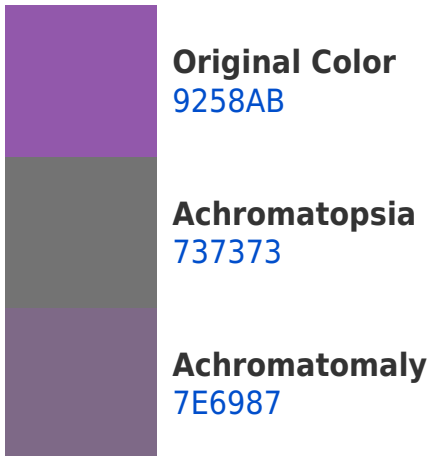


**Tritanopia**  
89666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9258AB 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 #9258AB looks like.

```
.text, #text, p{  
    color:#9258AB  
}
```

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 #9258AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9258AB
}
```

## Border

The CSS property to change the border of an element to Hex 9258AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

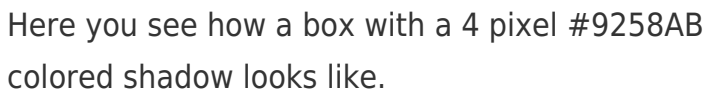
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9258AB }
```

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

```
.border{ border-color:#9258AB }
```

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



Here you see how a box with a 4 pixel #9258AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9258AB; -webkit-box-shadow:4px 4px  
4px 4px #9258AB; box-shadow:4px 4px 4px  
4px #9258AB }
```

# Background

The CSS property to change the background color of an element to Hex 9258AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9258AB }
```

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

```
.background{ background-color:#9258AB }
```

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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