

# Converting Colors

Hex(9452C8)

Have a look what the booklet for  
Hex(9452C8) contains.

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# Color

Hex(9452C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9452C8
RGB	148, 82, 200
RGB Percent	58%, 32%, 78%
CMY	0.4196, 0.6784, 0.2157
CMYK	0.26, 0.59, 0.00, 0.22
HSL	274°, 52%, 55%
HSV	274°, 59%, 78%
XYZ	25.6554, 16.5006, 56.4763
YIQ	115.1860, 1.4580, 50.6900

# Conversions

## Conversions Part 2

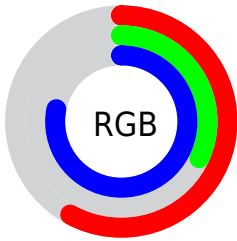
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 82, 200
Decimal	9720520
CIE <sub>Lab</sub>	47.62, 48.89, -51.00
CIE <sub>LCh</sub>	48, 70.646, 313.792
Yxy	16.5006, 0.2601, 0.1673
Android (android.graphics.Color)	4287910600 (0xFF9452C8)
YUV	115.1860, 41.8133, 28.7779
Hunter-Lab	40.6210, 41.6503, -53.9977

# Details

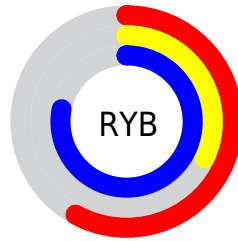
The Hex color **9452C8** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **86C852**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CD86FF**, and **5D1E91** is the 20% darker color. If you saturate the color by 10%, you get **8B3EC8**, and if you desaturate by 10%, it is **9D66C8**.

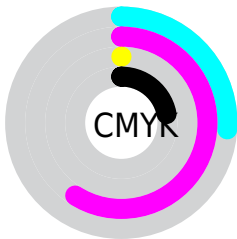
# Distribution



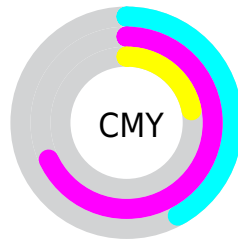
- Red (58%)
- Green (32%)
- Blue (78%)



- Red (58%)
- Yellow (32%)
- Blue (78%)



- Cyan (26%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (68%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9452C8 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 9452C8 by changing the saturation by 10% instead.



9452C8

9452C8

FFFFFF

7838AC

CD86FF

5D1E91

EAA1FF

420077

FFBDFE

26005E

FFD9FF

090045

FFF6FF

00032E

000118

000000

9452C8

9452C8

 8B3EC8

 9D66C8

 822AC8

 A67AC8

 7A16C8

 AE8EC8

 7102C8

 B7A2C8

 7000C8

 C0B6C8

 C9CAC8

 D2DEC8

 DBF2C8

 E3FFC8

# Harmonies

## Analogous

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



006FE6



9452C8



C92E94

# Triad

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



9452C8



A36200



008B8C

# Complementary

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



9452C8



86C852

# 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.



00894D



9452C8



707700

# Square

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



9452C8



C8441E



208301



0089C3

# Rectangle

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



9452C8



D7206C



208301



008A77



# Sweetspot

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



9452C8



EBD1FF



5287C8



736380



000000



808080



# Same Dimension

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



9452C8



AF4AFF



C852C2



5F5A63



5B00A3



140024



# Inverse Universe

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



C85286



FF4A9A



52C858



635A5E



A30048

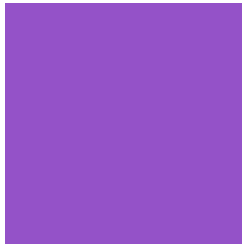


240010



# Previews

## White Background



This preview shows how the Hex color 9452C8 looks on a white background.

## Color Contrast Check

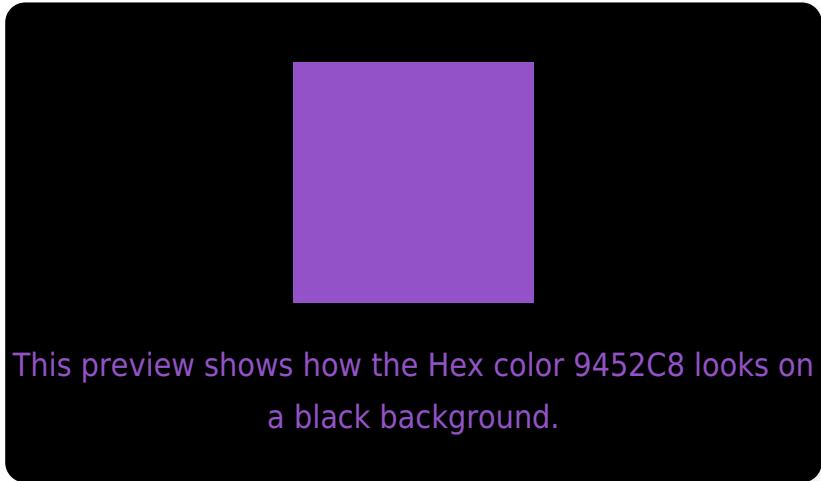
Large Text (above 18pt) WCAG AA ✓ Pass

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

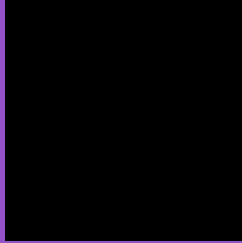
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9452C8 Background



This preview shows how black text looks on a background with the Hex color 9452C8.

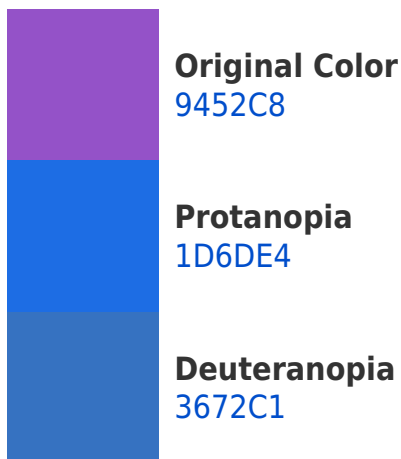


This preview shows how white text looks on a background with the Hex color 9452C8.

# 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](#).

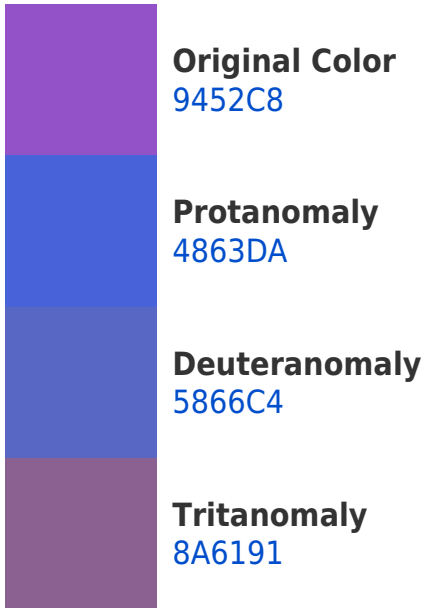
## Dichromacy



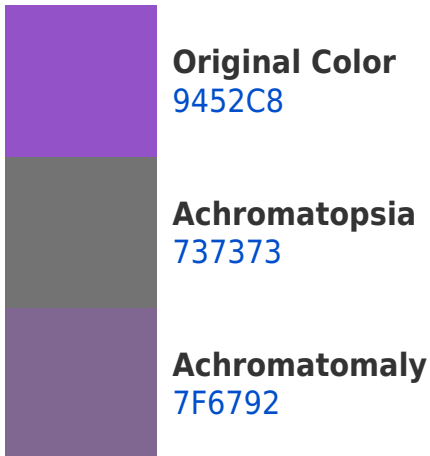


**Tritanopia**  
856A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9452C8 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 #9452C8 looks like.

```
.text, #text, p{  
    color:#9452C8  
}
```

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 #9452C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9452C8
}
```

## Border

The CSS property to change the border of an element to Hex 9452C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

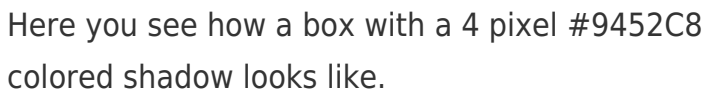
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9452C8 }
```

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

```
.border{ border-color:#9452C8 }
```

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



Here you see how a box with a 4 pixel #9452C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9452C8; -webkit-box-shadow:4px 4px  
4px 4px #9452C8; box-shadow:4px 4px 4px  
4px #9452C8 }
```

# Background

The CSS property to change the background color of an element to Hex 9452C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9452C8 }
```

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

```
.background{ background-color:#9452C8 }
```

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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