

# Converting Colors

Hex(9522BD)

Have a look what the booklet for  
Hex(9522BD) contains.

<b>Hex(9522BD)</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(9522BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9522BD
RGB	149, 34, 189
RGB Percent	58%, 13%, 74%
CMY	0.4157, 0.8667, 0.2588
CMYK	0.21, 0.82, 0.00, 0.26
HSL	285°, 70%, 44%
HSV	285°, 82%, 74%
XYZ	22.1518, 11.2077, 49.1399
YIQ	86.0550, 18.7850, 72.5850

# Conversions

## Conversions Part 2

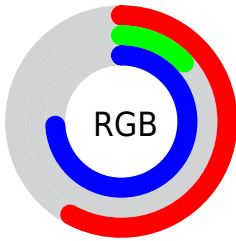
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 34, 189
Decimal	9773757
CIE <sub>Lab</sub>	39.93, 66.63, -56.98
CIE <sub>LCh</sub>	40, 87.673, 319.463
Yxy	11.2077, 0.2685, 0.1359
Android (android.graphics.Color)	4287963837 (0xFF9522BD)
YUV	86.0550, 50.7519, 55.2028
Hunter-Lab	33.4780, 59.5238, -63.5930

# Details

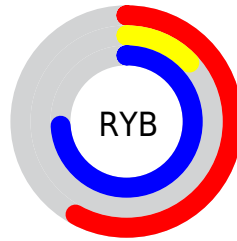
The Hex color **9522BD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4ABD22**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CF5FF6**, and **5C0087** is the 20% darker color. If you saturate the color by 10%, you get **900FBD**, and if you desaturate by 10%, it is **9A35BD**.

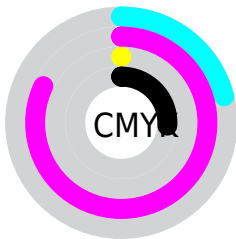
# Distribution



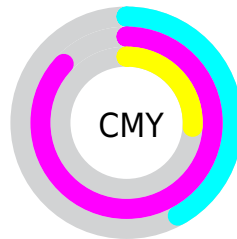
- Red (58%)
- Green (13%)
- Blue (74%)



- Red (58%)
- Yellow (13%)
- Blue (74%)



- Cyan (21%)
- Magenta (82%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (87%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9522BD 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 9522BD by changing the saturation by 10% instead.



 9522BD

 9522BD

FFFFFF

 7900A1

 CF5FF6

 5C0087

 ED7BFF

 40006C

 FF97FF

 270054

 FFB3FF

 00003B

 FFD0FF

 000224

 FFEDFF

 00000C

 000000

 9522BD

 9522BD

900FBD

9A35BD

8C00BD

9F48BD

A45BBD

A96EBD

AD81BD

B293BD

B7A6BD

BCB9BD

C1CCBD

# Harmonies

## Analogous

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



0058E9



9522BD



CB007B

# Triad

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



9522BD



885200



00798C

# Complementary

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



9522BD



4ABD22

# 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.



007741



9522BD



466900

# Square

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



9522BD



B82100



007300



0078CC

# Rectangle

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



9522BD



D4004C



007300



007974



# Sweetspot

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



9522BD



E5B8F5



224BBD



71567A



F9FAFA



7A7A7A



# Same Dimension

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



9522BD



B705F5



BD2299



5C555E



75009E



17001F



# Inverse Universe

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



BD224A



F50543



22BD46



5E5557



9E0029

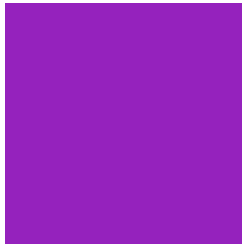


1F0008



# Previews

## White Background



This preview shows how the Hex color 9522BD 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

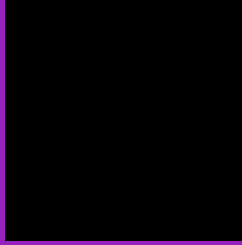
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9522BD Background



This preview shows how black text looks on a background with the Hex color 9522BD.

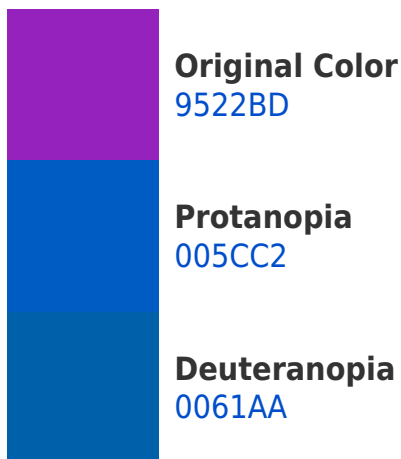



This preview shows how white text looks on a background with the Hex color 9522BD.

# 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](#).

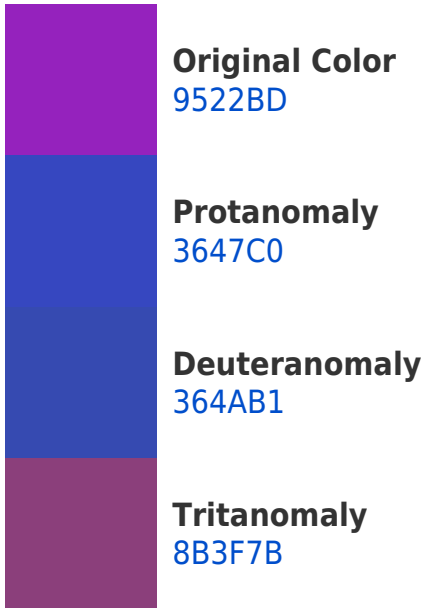
## Dichromacy



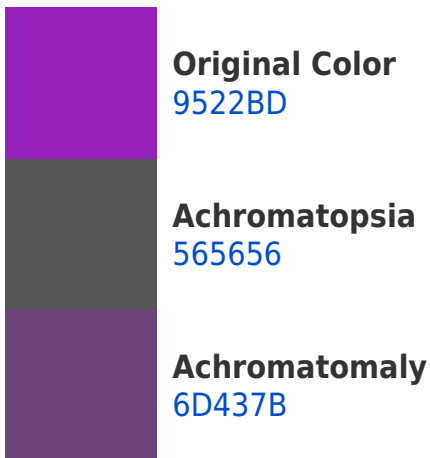


**Tritanopia**  
864F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9522BD 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 #9522BD looks like.

```
.text, #text, p{  
    color:#9522BD  
}
```

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 #9522BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9522BD
}
```

## Border

The CSS property to change the border of an element to Hex 9522BD 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".

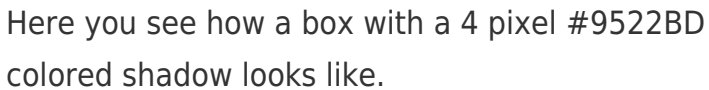
```
.border, #border, table{ border:4px solid
#9522BD }
```

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

```
.border{ border-color:#9522BD }
```

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

Here you see how a box with a 4 pixel #9522BD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9522BD; -webkit-box-shadow:4px 4px  
4px 4px #9522BD; box-shadow:4px 4px 4px  
4px #9522BD }
```

# Background

The CSS property to change the background color of an element to Hex 9522BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9522BD }
```

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

```
.background{ background-color:#9522BD }
```

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