

# Converting Colors

Hex(9441BD)

Have a look what the booklet for  
Hex(9441BD) contains.

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**Color**

**Hex(9441BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9441BD
RGB	148, 65, 189
RGB Percent	58%, 25%, 74%
CMY	0.4196, 0.7451, 0.2588
CMYK	0.22, 0.66, 0.00, 0.26
HSL	280°, 49%, 50%
HSV	280°, 66%, 74%
XYZ	23.2883, 13.7506, 49.5708
YIQ	103.9530, 9.6640, 56.1600

# Conversions

## Conversions Part 2

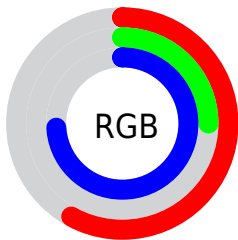
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 65, 189
Decimal	9716157
CIE <sub>Lab</sub>	43.87, 54.80, -50.63
CIE <sub>LCh</sub>	44, 74.608, 317.266
Yxy	13.7506, 0.2689, 0.1588
Android (android.graphics.Color)	4287906237 (0xFF9441BD)
YUV	103.9530, 41.9282, 38.6292
Hunter-Lab	37.0818, 47.2094, -53.3013

# Details

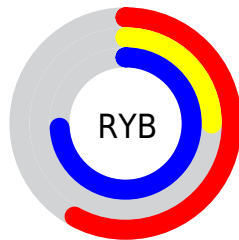
The Hex color **9441BD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **6ABD41**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CD76F6**, and **5D0087** is the 20% darker color. If you saturate the color by 10%, you get **8E2EBD**, and if you desaturate by 10%, it is **9A54BD**.

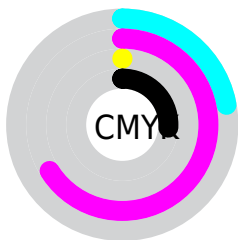
# Distribution



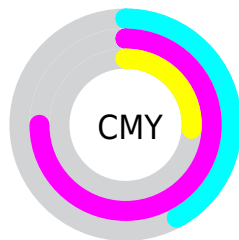
- Red (58%)
- Green (25%)
- Blue (74%)



- Red (58%)
- Yellow (25%)
- Blue (74%)



- Cyan (22%)
- Magenta (66%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (75%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9441BD 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 9441BD by changing the saturation by 10% instead.



9441BD

9441BD

FFFFFF

7825A2

CD76F6

5D0087

EA91FF

42006D

FFADFF

270054

FFC9FF

05003C

FFE6FF

000225

00010D

000000

9441BD

9441BD

8E2EBD

9A54BD

881BBD

A067BD

8108BD

A77ABD

7F00BD

AD8DBD

B39FBD

B9B2BD

C0C5BD

C6D8BD

CCEBBD

# Harmonies

## Analogous

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



0063E0



9441BD



C60385

# Triad

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



9441BD



945B00



00818B

# Complementary

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



9441BD



6ABD41

# 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.



00804A



9441BD



5D7000

# Square

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



9441BD



BC3A02



007B00



0080C3

# Rectangle

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



9441BD



D1005C



007B00



008176



# Sweetspot

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



9441BD



E5C4F5



416ABD



715D7A



FAFAFA



7A7A7A



# Same Dimension

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



9441BD



B533F5



BD41A8



5B555E



6A009E



14001F



# Inverse Universe

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



BD416A



F53373



41BD56



5E5558



9E0034



1F000A



# Previews

## White Background



This preview shows how the Hex color 9441BD looks on a white background.

## Color Contrast Check

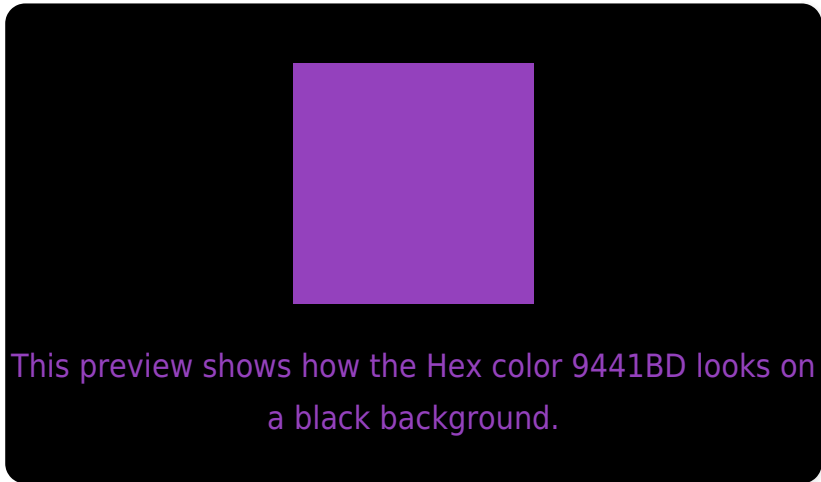
Large Text (above 18pt) WCAG AA ✓ Pass

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

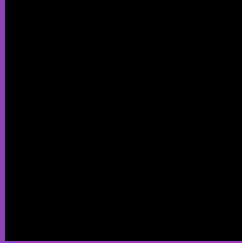
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9441BD Background



This preview shows how black text looks on a background with the Hex color 9441BD.

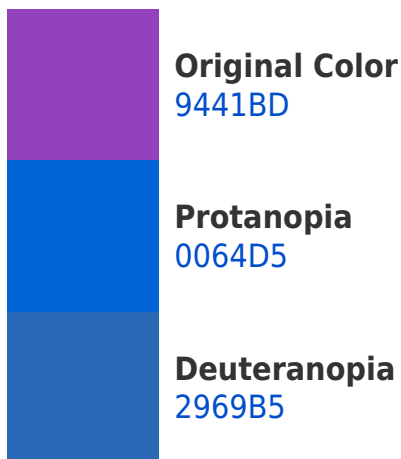


This preview shows how white text looks on a background with the Hex color 9441BD.

# 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](#).

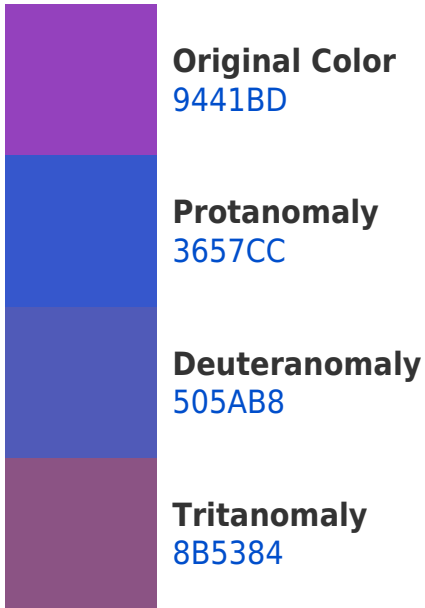
## Dichromacy



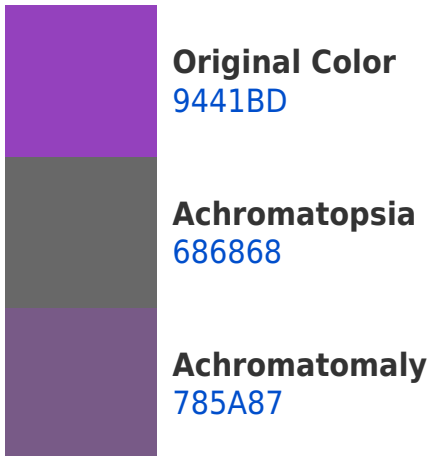


**Tritanopia**  
865D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9441BD 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 #9441BD looks like.

```
.text, #text, p{  
    color:#9441BD  
}
```

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 #9441BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9441BD
}
```

## Border

The CSS property to change the border of an element to Hex 9441BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

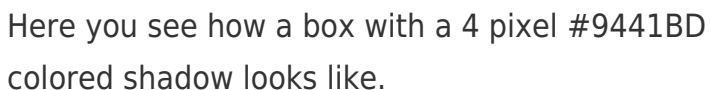
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9441BD }
```

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

```
.border{ border-color:#9441BD }
```

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



Here you see how a box with a 4 pixel #9441BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9441BD; -webkit-box-shadow:4px 4px  
4px 4px #9441BD; box-shadow:4px 4px 4px  
4px #9441BD }
```

# Background

The CSS property to change the background color of an element to Hex 9441BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9441BD }
```

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

```
.background{ background-color:#9441BD }
```

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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