

# Converting Colors

Hex(9361BA)

Have a look what the booklet for  
Hex(9361BA) contains.

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**Color**

**Hex(9361BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9361BA
RGB	147, 97, 186
RGB Percent	58%, 38%, 73%
CMY	0.4235, 0.6196, 0.2706
CMYK	0.21, 0.48, 0.00, 0.27
HSL	274°, 39%, 55%
HSV	274°, 48%, 73%
XYZ	25.1702, 18.2976, 48.6595
YIQ	122.0960, 1.2310, 38.2790

# Conversions

## Conversions Part 2

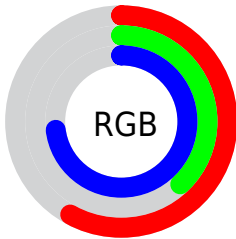
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 97, 186
Decimal	9658810
CIE <sub>Lab</sub>	49.86, 37.23, -39.37
CIE <sub>LCh</sub>	50, 54.180, 313.400
Yxy	18.2976, 0.2732, 0.1986
Android (android.graphics.Color)	4287848890 (0xFF9361BA)
YUV	122.0960, 31.5047, 21.8408
Hunter-Lab	42.7757, 30.1762, -37.5024

# Details

The Hex color **9361BA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **88BA61**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CB95F3**, and **5E3084** is the 20% darker color. If you saturate the color by 10%, you get **8B4EBA**, and if you desaturate by 10%, it is **9B74BA**.

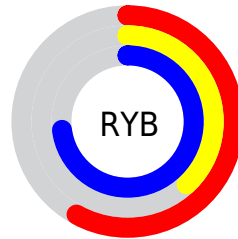
# Distribution



Red (58%)

Green (38%)

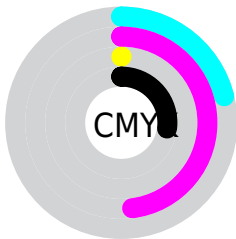
Blue (73%)



Red (58%)

Yellow (38%)

Blue (73%)

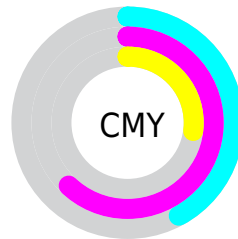


Cyan (21%)

Magenta (48%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (62%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9361BA 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 9361BA by changing the saturation by 10% instead.



■ 9361BA

■ 9361BA

FFFFFF

■ 78489F

■ CB95F3

■ 5E3084

■ E7B0FF

■ 44186B

■ FFCCFF

■ 2B0052

■ FFE8FF

■ 18003B

■ 000224

■ 00000B

■ 000000

■ 9361BA

■ 9361BA

8B4EBA

9B74BA

833CBA

A386BA

7B29BA

AB99BA

7217BA

B4ABBA

6A04BA

BCBEBA

6800BA

C4D1BA

CCE3BA

D4F6BA

DCFFBA

# Harmonies

## Analogous

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



3E75D1



9361BA



BC4E92

# Triad

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



9361BA



A26B15



008C8B

# Complementary

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



9361BA



88BA61

# 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.



008B5B



9361BA



7A7B0C

# Square

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



9361BA



BF5839



46852E



008AB5

# Rectangle

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



9361BA



C84973



46852E



008C7B



# Sweetspot

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



9361BA



E3D0F2



6189BA



71667A



FAFAFA



7A7A7A



# Same Dimension

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



9361BA



B668F2



BA61B6



58535C



57009C



10001C



# Inverse Universe

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



BA6188



F268A5



61BA65



5C5357



9C0044

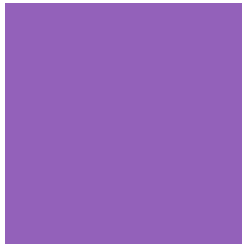


1C000C



# Previews

## White Background



This preview shows how the Hex color 9361BA looks on a white background.

## Color Contrast Check

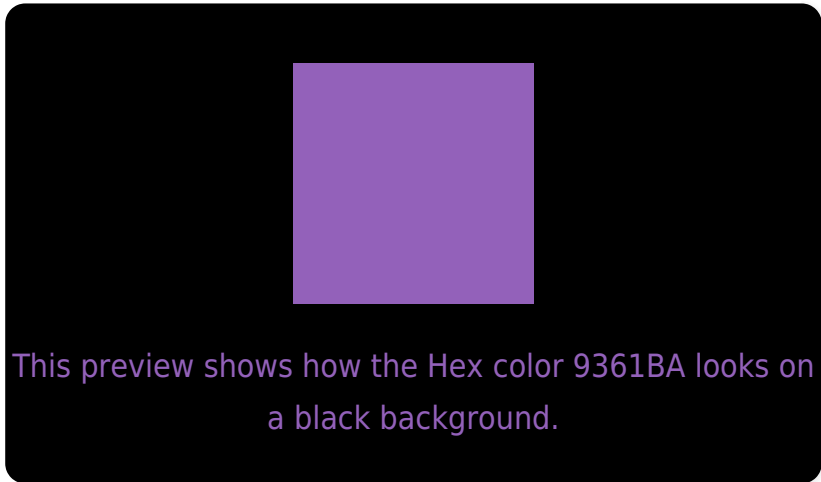
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

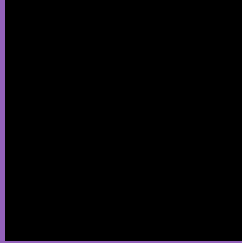
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9361BA Background



This preview shows how black text looks on a background with the Hex color 9361BA.

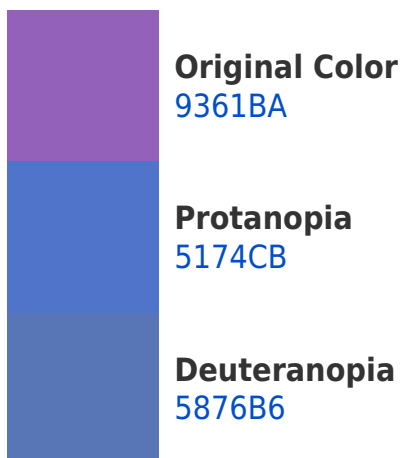


This preview shows how white text looks on a background with the Hex color 9361BA.

# 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](#).

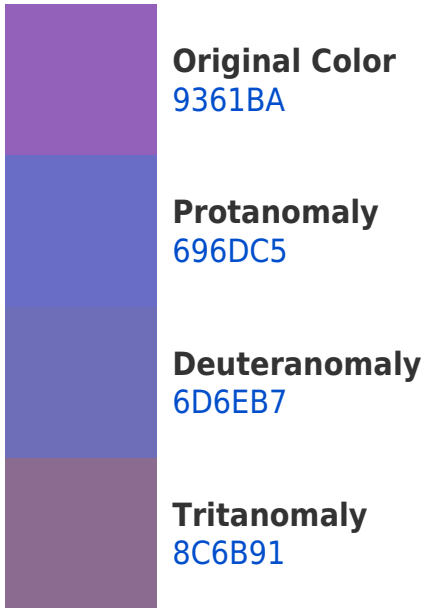
## Dichromacy



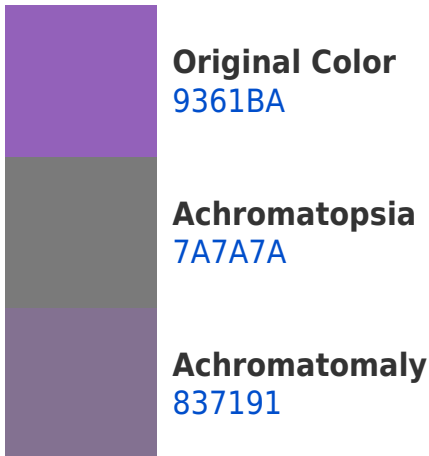


**Tritanopia**  
887079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9361BA 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 #9361BA looks like.

```
.text, #text, p{  
    color:#9361BA  
}
```

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 #9361BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9361BA
}
```

## Border

The CSS property to change the border of an element to Hex 9361BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

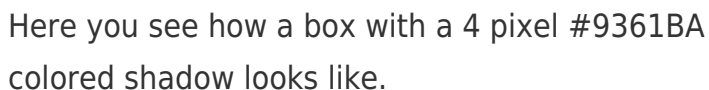
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9361BA }
```

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

```
.border{ border-color:#9361BA }
```

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



Here you see how a box with a 4 pixel #9361BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9361BA; -webkit-box-shadow:4px 4px  
4px 4px #9361BA; box-shadow:4px 4px 4px  
4px #9361BA }
```

# Background

The CSS property to change the background color of an element to Hex 9361BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9361BA }
```

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

```
.background{ background-color:#9361BA }
```

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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