

# Converting Colors

Hex(9353BD)

Have a look what the booklet for  
Hex(9353BD) contains.

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# Color

**Hex(9353BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9353BD
RGB	147, 83, 189
RGB Percent	58%, 33%, 74%
CMY	0.4235, 0.6745, 0.2588
CMYK	0.22, 0.56, 0.00, 0.26
HSL	276°, 45%, 53%
HSV	276°, 56%, 74%
XYZ	24.3112, 16.0637, 49.9634
YIQ	114.2200, 4.1180, 46.5340

# Conversions

## Conversions Part 2

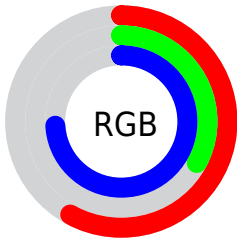
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 83, 189
Decimal	9655229
CIE <sub>Lab</sub>	47.06, 45.59, -45.54
CIE <sub>LCh</sub>	47, 64.439, 315.029
Yxy	16.0637, 0.2691, 0.1778
Android (android.graphics.Color)	4287845309 (0xFF9353BD)
YUV	114.2200, 36.8665, 28.7481
Hunter-Lab	40.0795, 38.1343, -45.8556

# Details

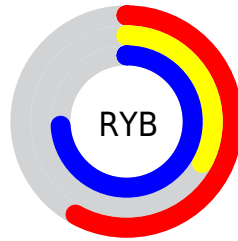
The Hex color **9353BD** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7DBD53**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **CB87F6**, and **5D2087** is the 20% darker color. If you saturate the color by 10%, you get **8C40BD**, and if you desaturate by 10%, it is **9A66BD**.

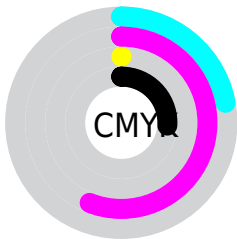
# Distribution



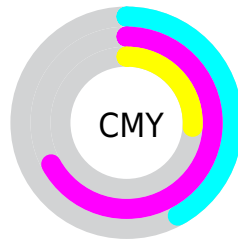
- Red (58%)
- Green (33%)
- Blue (74%)



- Red (58%)
- Yellow (33%)
- Blue (74%)



- Cyan (22%)
- Magenta (56%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (67%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9353BD 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 9353BD by changing the saturation by 10% instead.



9353BD

9353BD

FFFFFF

783AA2

CB87F6

5D2087

E8A2FF

42026D

FFBEFF

280054

FFDAFF

0F003C

FFF7FF

000225

00010E

000000

9353BD

9353BD

8C40BD

9A66BD

842DBD

A279BD

7D1ABD

A98CBD

7507BD

B19FBD

7200BD

B8B2BD

C0C4BD

C7D7BD

CFEABD

D6FDBD

# Harmonies

## Analogous

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



116DD9



9353BD



C2378D

# Triad

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



9353BD



9D6300



00888A

# Complementary

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



9353BD



7DBD53

# 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.



008652



9353BD



6E7600

# Square

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



9353BD



BF4923



288017



0086BC

# Rectangle

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



9353BD



CD2F69



288017



008778



# Sweetspot

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



9353BD



E4CBF5



537DBD



71627A



FAFAFA



7A7A7A



# Same Dimension

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



9353BD



B451F5



BD53B2



5B555E



5F009E



12001F



# Inverse Universe

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



BD537D



F55192



53BD5E



5E5559



9E003F

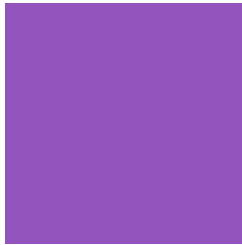


1F000C



# Previews

## White Background



This preview shows how the Hex color 9353BD looks on a white background.

## Color Contrast Check

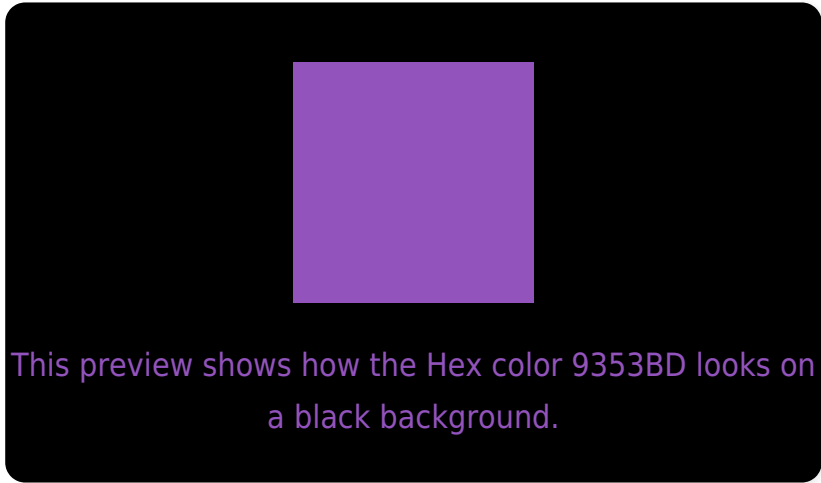
Large Text (above 18pt) WCAG AA ✓ Pass

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 9353BD Background



This preview shows how black text looks on a background with the Hex color 9353BD.

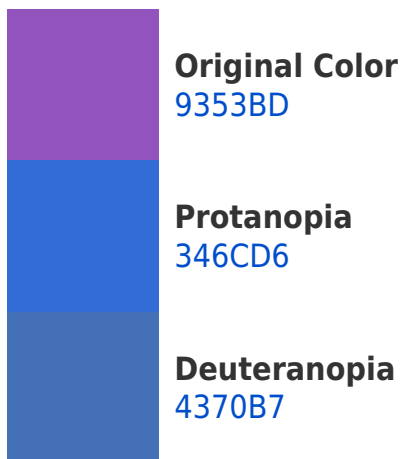



This preview shows how white text looks on a background with the Hex color 9353BD.

# 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](#).

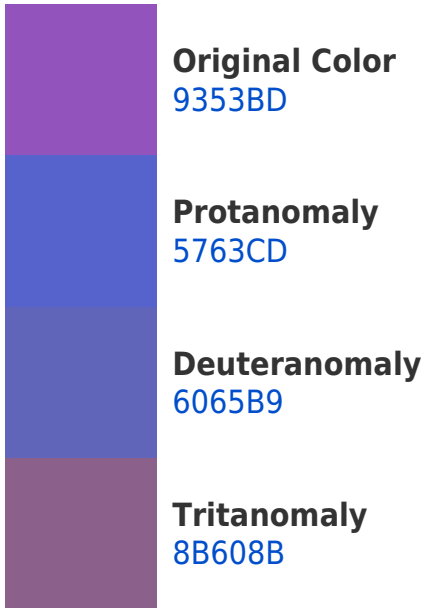
## Dichromacy



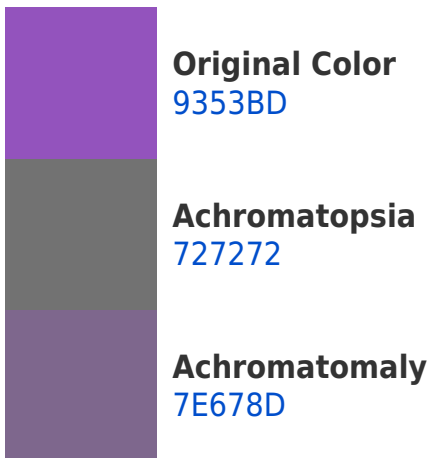


**Tritanopia**  
86676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9353BD 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 #9353BD looks like.

```
.text, #text, p{  
    color:#9353BD  
}
```

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 #9353BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9353BD
}
```

## Border

The CSS property to change the border of an element to Hex 9353BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

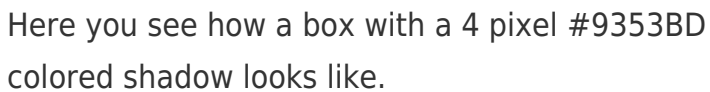
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9353BD }
```

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

```
.border{ border-color:#9353BD }
```

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



Here you see how a box with a 4 pixel #9353BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9353BD; -webkit-box-shadow:4px 4px  
4px 4px #9353BD; box-shadow:4px 4px 4px  
4px #9353BD }
```

# Background

The CSS property to change the background color of an element to Hex 9353BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9353BD }
```

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

```
.background{ background-color:#9353BD }
```

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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