

# Converting Colors

Hex(973BB1)

Have a look what the booklet for  
Hex(973BB1) contains.

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**Color**

**Hex(973BB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	973BB1
RGB	151, 59, 177
RGB Percent	59%, 23%, 69%
CMY	0.4078, 0.7686, 0.3059
CMYK	0.15, 0.67, 0.00, 0.31
HSL	287°, 50%, 46%
HSV	287°, 67%, 69%
XYZ	22.2623, 12.8816, 42.9080
YIQ	99.9600, 16.9540, 56.2020

# Conversions

## Conversions Part 2

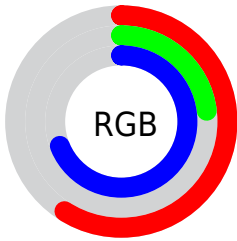
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 59, 177
Decimal	9911217
CIE <sub>Lab</sub>	42.58, 55.69, -45.62
CIE <sub>LCh</sub>	43, 71.993, 320.676
Yxy	12.8816, 0.2852, 0.1650
Android (android.graphics.Color)	4288101297 (0xFF973BB1)
YUV	99.9600, 37.9807, 44.7621
Hunter-Lab	35.8909, 47.9103, -45.7583

# Details

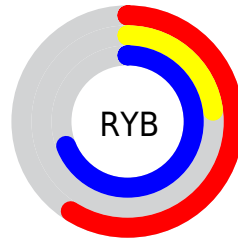
The Hex color **973BB1** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55B13B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D071E9**, and **60007C** is the 20% darker color. If you saturate the color by 10%, you get **9329B1**, and if you desaturate by 10%, it is **9B4DB1**.

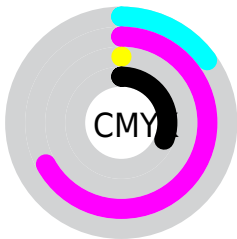
# Distribution



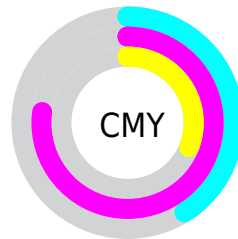
- Red (59%)
- Green (23%)
- Blue (69%)



- Red (59%)
- Yellow (23%)
- Blue (69%)



- Cyan (15%)
- Magenta (67%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (77%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 973BB1 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 973BB1 by changing the saturation by 10% instead.



973BB1

973BB1

FFFFFF

7B1E96

D071E9

60007C

ED8CFF

450062

FFA8FF

2C004A

FFC4FF

0C0032

FFE1FF

00011C

FFFEFF

000000

973BB1

973BB1

9329B1

9B4DB1

8F18B1

9F5EB1

8B06B1

A370B1

8A00B1

A782B1

AB94B1

AEA5B1

B2B7B1

B6C9B1

BADAB1

# Harmonies

## Analogous

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



145DD6



973BB1



C2017A

# Triad

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



973BB1



8A5C00



007D8D

# Complementary

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



973BB1



55B13B

# 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.



007C4F



973BB1



546E00

# Square

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



973BB1



B33D00



007805



007BC1

# Rectangle

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



973BB1



CA0052



007805



007D79



# Sweetspot

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



973BB1



DBB8E6



3B57B1



6D5773



F2F2F2



737373



# Same Dimension

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



973BB1



BD2EE6



B13B92



575059



770099



14001A



# Inverse Universe

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



B13B55



E62E56



3BB15A



595052



990022



1A0006



# Previews

## White Background



This preview shows how the Hex color 973BB1 looks on a white background.

## Color Contrast Check

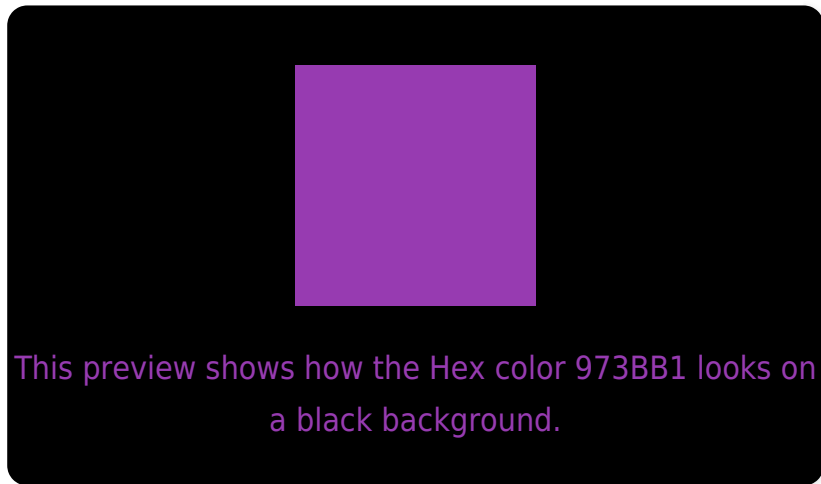
Large Text (above 18pt) WCAG AA ✓ Pass

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

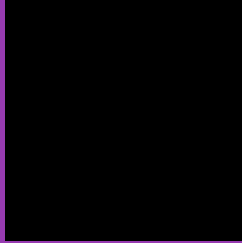
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 973BB1 Background



This preview shows how black text looks on a background with the Hex color 973BB1.

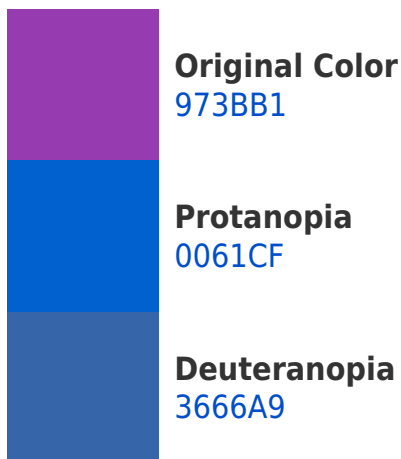



This preview shows how white text looks on a background with the Hex color 973BB1.

# 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](#).

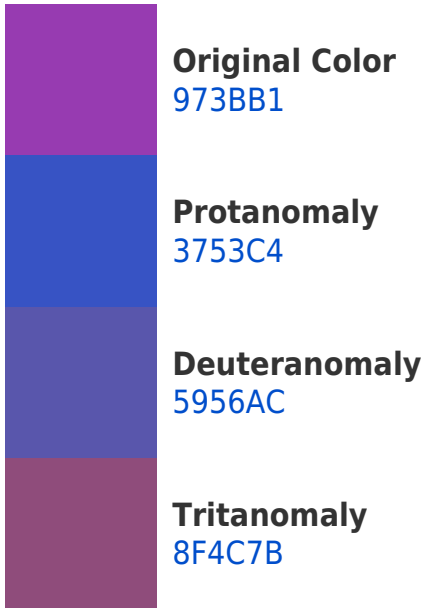
## Dichromacy





**Tritanopia**  
8B565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 973BB1 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 #973BB1 looks like.

```
.text, #text, p{  
    color:#973BB1  
}
```

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 #973BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #973BB1
}
```

## Border

The CSS property to change the border of an element to Hex 973BB1 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
#973BB1 }
```

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

```
.border{ border-color:#973BB1 }
```

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

Here you see how a box with a 4 pixel #973BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #973BB1; -webkit-box-shadow:4px 4px  
4px 4px #973BB1; box-shadow:4px 4px 4px  
4px #973BB1 }
```

# Background

The CSS property to change the background color of an element to Hex 973BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#973BB1 }
```

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

```
.background{ background-color:#973BB1 }
```

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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