

# Converting Colors

Hex(973BED)

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

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# Color

**Hex(973BED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	973BED
RGB	151, 59, 237
RGB Percent	59%, 23%, 93%
CMY	0.4078, 0.7686, 0.0706
CMYK	0.36, 0.75, 0.00, 0.07
HSL	271°, 83%, 58%
HSV	271°, 75%, 93%
XYZ	29.6125, 15.8217, 81.6139
YIQ	106.8000, -2.3060, 74.8620

# Conversions

## Conversions Part 2

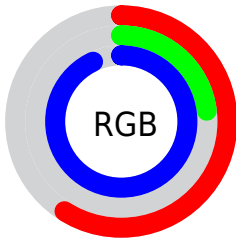
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 59, 237
Decimal	9911277
CIE <sub>Lab</sub>	46.74, 68.53, -73.50
CIE <sub>LCh</sub>	47, 100.496, 312.995
Yxy	15.8217, 0.2331, 0.1245
Android (android.graphics.Color)	4288101357 (0xFF973BED)
YUV	106.8000, 64.1886, 38.7634
Hunter-Lab	39.7765, 63.2798, -93.8086

# Details

The Hex color **973BED** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **91ED3B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D373FF**, and **5B00B4** is the 20% darker color. If you saturate the color by 10%, you get **8C23ED**, and if you desaturate by 10%, it is **A253ED**.

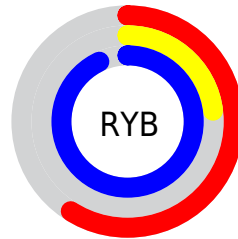
# Distribution



Red (59%)

Green (23%)

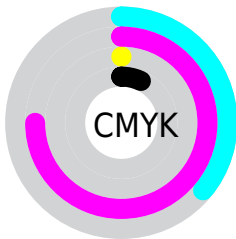
Blue (93%)



Red (59%)

Yellow (23%)

Blue (93%)

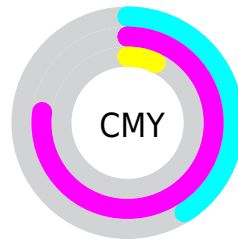


Cyan (36%)

Magenta (75%)

Yellow (0%)

Black (7%)



Cyan (41%)

Magenta (77%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 973BED

 973BED

FFFFFF

 791AD0

 D373FF

 5B00B4

 F18FFF

 3B0098

 FFABFF

 10007D

 FFC8FF

 000063

 FFE5FF

 00004A

 000433

 00021D

 000000

 973BED

 973BED

 8C23ED

 A253ED

 800CED

 AE6AED

 7A00ED

 B982ED

 C59AED

 D0B2ED

 DCC9ED

 E7E1ED

 F3F9ED

 FEFFED

# Harmonies

## Analogous

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



0070FF



973BED



E600A2

# Triad

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



973BED



AE5800



008E93

# Complementary

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



973BED



91ED3B

# 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.



008C39



973BED



667700

# Square

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



973BED



E10000



008500



008EE3

# Rectangle

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



973BED



F8006B



008500



008E76



# Sweetspot

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



973BED



E3C4FF



3B91ED



6E5C80



000000



808080



# Same Dimension

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



973BED



9019FF



ED3BEA



706A75



5E00B5



1C0036



# Inverse Universe

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



ED3B91



FF1988



3BED3E



756A6F



B50057

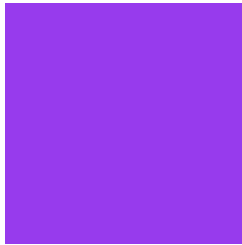


36001A



# Previews

## White Background



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

## Color Contrast Check

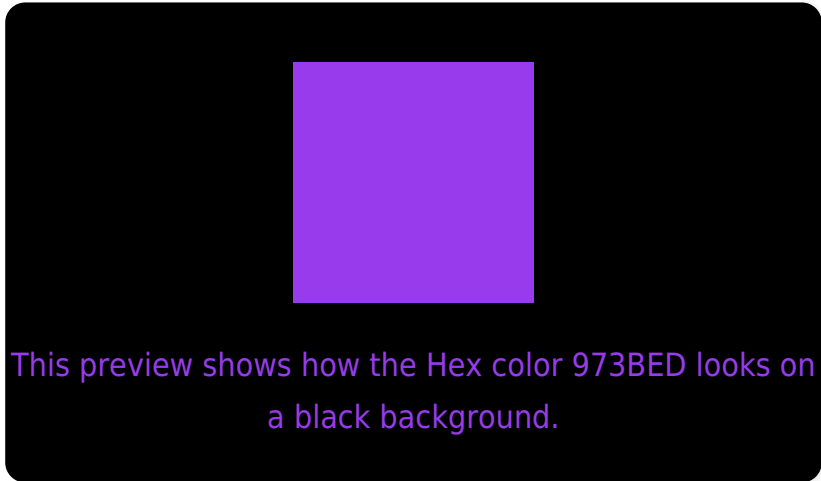
Large Text (above 18pt) WCAG AA ✓ Pass

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

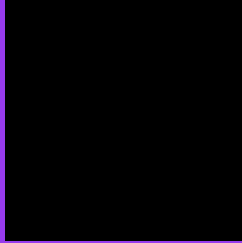
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 973BED Background



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

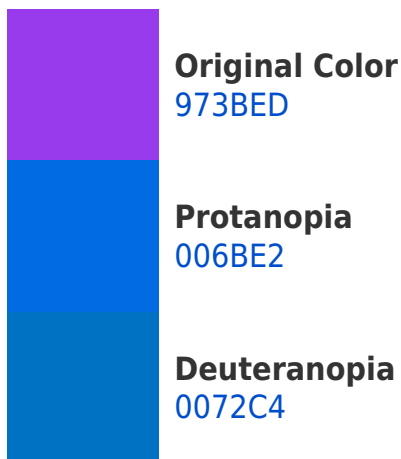


This preview shows how white text looks on a background with the Hex color 973BED.

# 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](#).

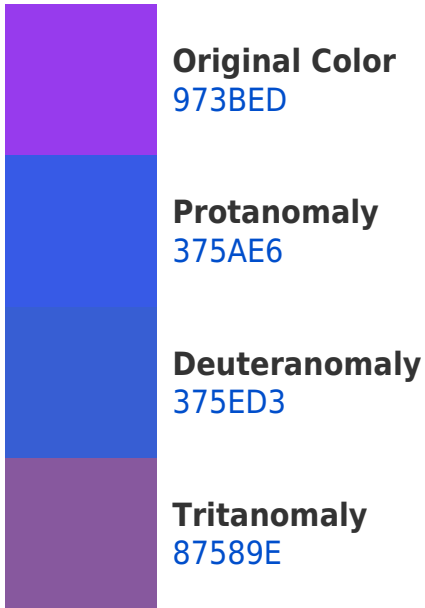
## Dichromacy



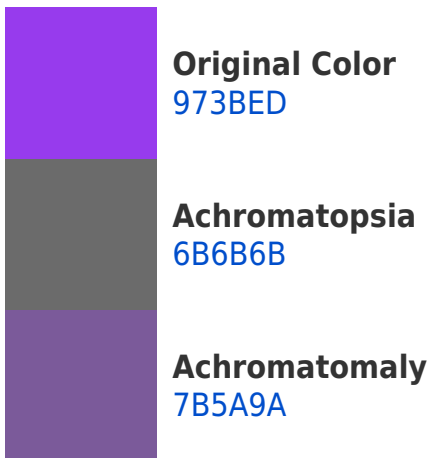


**Tritanopia**  
7E6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #973BED colored shadow looks like.

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

## Border

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

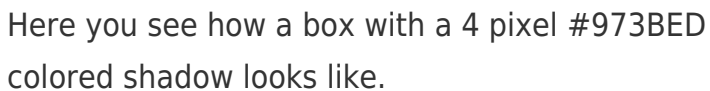
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#973BED }
```

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

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

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



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

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

# Background

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

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

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

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

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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