

# Converting Colors

Hex(923EB7)

Have a look what the booklet for  
Hex(923EB7) contains.

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# Color

Hex(923EB7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923EB7
RGB	146, 62, 183
RGB Percent	57%, 24%, 72%
CMY	0.4275, 0.7569, 0.2824
CMYK	0.20, 0.66, 0.00, 0.28
HSL	282°, 49%, 48%
HSV	282°, 66%, 72%
XYZ	22.1239, 12.9751, 46.1381
YIQ	100.9100, 11.2230, 55.4390

# Conversions

## Conversions Part 2

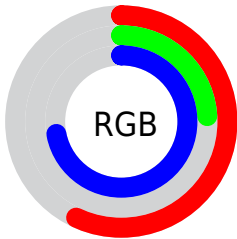
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 62, 183
Decimal	9584311
CIE <sub>Lab</sub>	42.73, 54.44, -48.97
CIE <sub>LCh</sub>	43, 73.225, 318.029
Yxy	12.9751, 0.2723, 0.1597
Android (android.graphics.Color)	4287774391 (0xFF923EB7)
YUV	100.9100, 40.4704, 39.5439
Hunter-Lab	36.0210, 46.5970, -50.7279

# Details

The Hex color **923EB7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **63B73E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **CB73F0**, and **5B0081** is the 20% darker color. If you saturate the color by 10%, you get **8C2CB7**, and if you desaturate by 10%, it is **9850B7**.

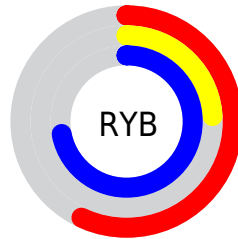
# Distribution



Red (57%)

Green (24%)

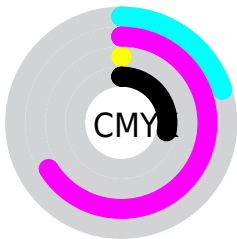
Blue (72%)



Red (57%)

Yellow (24%)

Blue (72%)

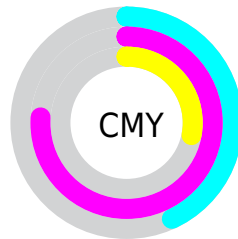


Cyan (20%)

Magenta (66%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (76%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 923EB7 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 923EB7 by changing the saturation by 10% instead.



923EB7

923EB7

FFFFFF

76229C

CB73F0

5B0081

E88EFF

400067

FFAAFF

26004F

FFC6FF

020037

FFE3FF

000220

000005

000000

923EB7


923EB7

 8C2CB7

 9850B7

 8719B7

 9D63B7

 8107B7

 A375B7

 7F00B7

 A887B7

 AE9AB7

 B4ACB7

 B9BEB7

 BFD0B7

 C4E3B7

# Harmonies

## Analogous

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



0060DA



923EB7



C20080

# Triad

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



923EB7



8F5A00



007E89

# Complementary

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



923EB7



63B73E

# 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.



007C4A



923EB7



596D00

# Square

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



923EB7



B73900



007800



007CBF

# Rectangle

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



923EB7



CB0058



007800



007E74



# Sweetspot

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



923EB7



DFBEED



3E64B7



6F5B78



F7F7F7



787878



# Same Dimension

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



923EB7



B432ED



B73EA1



59535C



6C009C



13001C



# Inverse Universe

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



B73E63



ED326B



3EB754



5C5355



9C0030



1C0009



# Previews

## White Background



This preview shows how the Hex color 923EB7 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

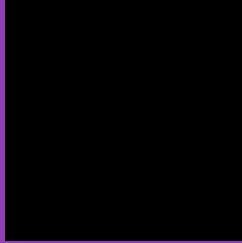
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 923EB7 Background



This preview shows how black text looks on a background with the Hex color 923EB7.

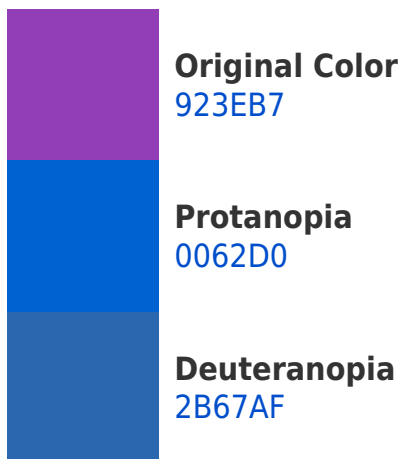



This preview shows how white text looks on a background with the Hex color 923EB7.

# 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](#).

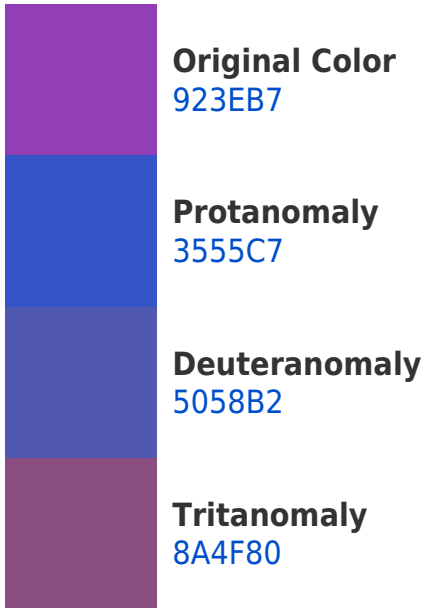
## Dichromacy



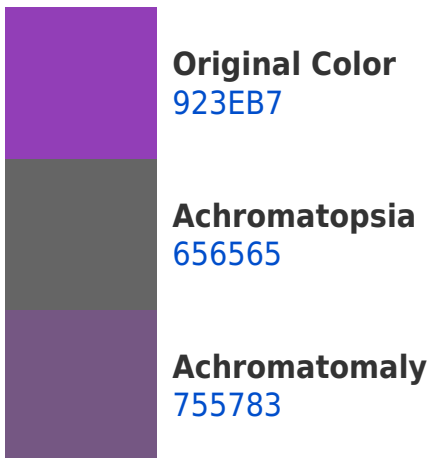


**Tritanopia**  
855960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 923EB7 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 #923EB7 looks like.

```
.text, #text, p{  
    color:#923EB7  
}
```

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 #923EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923EB7
}
```

## Border

The CSS property to change the border of an element to Hex 923EB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

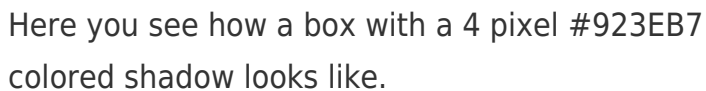
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#923EB7 }
```

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

```
.border{ border-color:#923EB7 }
```

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



Here you see how a box with a 4 pixel #923EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923EB7; -webkit-box-shadow:4px 4px  
4px 4px #923EB7; box-shadow:4px 4px 4px  
4px #923EB7 }
```

# Background

The CSS property to change the background color of an element to Hex 923EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923EB7 }
```

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

```
.background{ background-color:#923EB7 }
```

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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