

# Converting Colors

Hex(9E23DC)

Have a look what the booklet for  
Hex(9E23DC) contains.

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# Color

Hex(9E23DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	9E23DC
RGB	158, 35, 220
RGB Percent	62%, 14%, 86%
CMY	0.3804, 0.8627, 0.1373
CMYK	0.28, 0.84, 0.00, 0.14
HSL	280°, 73%, 50%
HSV	280°, 84%, 86%
XYZ	27.6199, 13.6385, 68.8869
YIQ	92.8670, 13.9230, 83.6110

# Conversions

## Conversions Part 2

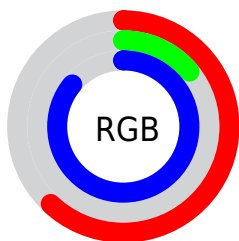
Format	Color
R <sub>YB</sub>	158, 35, 220
Decimal	10363868
CIE Lab	43.71, 73.81, -68.75
CIE LCh	44, 100.866, 317.034
Yxy	13.6385, 0.2508, 0.1238
Android (android.graphics.Color)	4288553948 (0xFF9E23DC)
YUV	92.8670, 62.6766, 57.1216
Hunter-Lab	36.9303, 68.8706, -84.7437

# Details

The Hex color `9E23DC` is a dark color, and the websafe version is hex `9900CC`. The color can be described as middle washed purple. A complement of this color would be `61DC23`, and the grayscale version is `5C5C5C`.

A 20% lighter version of the original color is `DA62FF`, and `6300A4` is the 20% darker color. If you saturate the color by 10%, you get `970DDC`, and if you desaturate by 10%, it is `A539DC`.

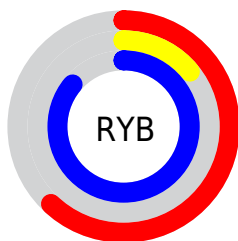
# Distribution



Red (62%)

Green (14%)

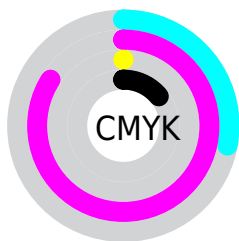
Blue (86%)



Red (62%)

Yellow (14%)

Blue (86%)

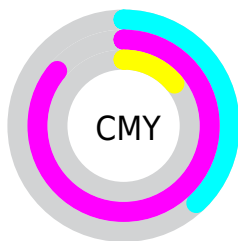


Cyan (28%)

Magenta (84%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (86%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E23DC 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 9E23DC by changing the saturation by 10% instead.



 9E23DC

 9E23DC

FFFFFF

 8100C0

 DA62FF

 6300A4

 F87FFF

 450089

 FF9BFF

 25006E

 FFB8FF

 000055

 FFD5FF

 00033C

 FFF3FF

 000226

 00010E

 000000

 9E23DC

 9E23DC

 970DDC

 A539DC

 9200DC

 AD4FDC

 B465DC

 BB7BDC

 C391DC

 CAA7DC

 D2BDDC

 D9D3DC

 E0E9DC

# Harmonies

## Analogous

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



0064FF



9E23DC



E3008F

# Triad

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



9E23DC



9C5600



008697

# Complementary

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



9E23DC



61DC23

# 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.



00843E



9E23DC



517200

# Square

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



9E23DC



D20100



007F00



0086E3

# Rectangle

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



9E23DC



EF0058



007F00



00857A



# Sweetspot

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



9E23DC



EABFFF



2364DC



735980



000000



808080



# Same Dimension

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



9E23DC



AA00FF



DC23C0



6A636E



7300AD



1F002E



# Inverse Universe

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



DC2361



FF0055



23DC3F



6E6366



AD003A

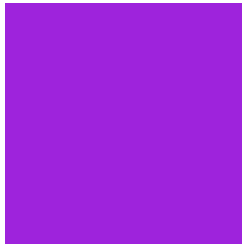


2E000F



# Previews

## White Background



This preview shows how the Hex color 9E23DC 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

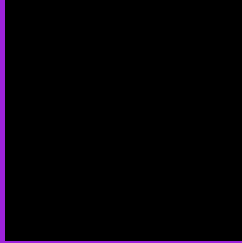
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E23DC Background



This preview shows how black text looks on a background with the Hex color 9E23DC.

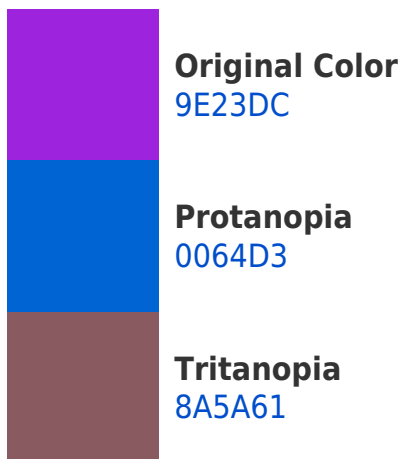


This preview shows how white text looks on a background with the Hex color 9E23DC.

# 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



# Trichromacy



**Original Color**  
9E23DC



**Protanomaly**  
394CD6



**Tritanomaly**  
91468E

# Monochromacy



**Original Color**  
9E23DC



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
75488B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E23DC 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 #9E23DC looks like.

```
.text, #text, p{  
    color:#9E23DC  
}
```

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 #9E23DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E23DC
}
```

## Border

The CSS property to change the border of an element to Hex 9E23DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

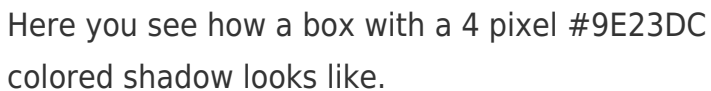
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E23DC }
```

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

```
.border{ border-color:#9E23DC }
```

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



Here you see how a box with a 4 pixel #9E23DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E23DC; -webkit-box-shadow:4px 4px  
4px 4px #9E23DC; box-shadow:4px 4px 4px  
4px #9E23DC }
```

# Background

The CSS property to change the background color of an element to Hex 9E23DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E23DC }
```

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

```
.background{ background-color:#9E23DC }
```

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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