

Converting Colors

Hex(9C3ED8)

Have a look what the booklet for
Hex(9C3ED8) contains.

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Color

Hex(9C3ED8)

Conversions

Conversions Part 1

Format	Color
Hex	9C3ED8
RGB	156, 62, 216
RGB Percent	61%, 24%, 85%
CMY	0.3882, 0.7569, 0.1529
CMYK	0.28, 0.71, 0.00, 0.15
HSL	277°, 66%, 55%
HSV	277°, 71%, 85%
XYZ	27.8276, 15.4710, 66.4853
YIQ	107.6620, 6.5900, 67.8220

Conversions

Conversions Part 2

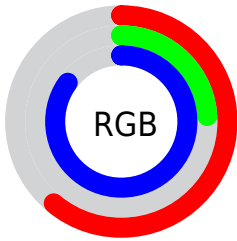
Format	Color
R_{YB}	156, 62, 216
Decimal	10239704
CIE _{Lab}	46.27, 63.59, -62.31
CIE _{LCh}	46, 89.029, 315.584
Yxy	15.4710, 0.2535, 0.1409
Android (android.graphics.Color)	4288429784 (0xFF9C3ED8)
YUV	107.6620, 53.4106, 42.3924
Hunter-Lab	39.3332, 57.4525, -72.6851

Details

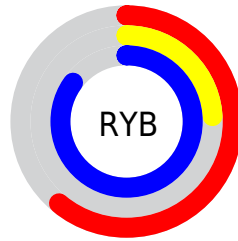
The Hex color **9C3ED8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **7AD83E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D775FF**, and **6300A0** is the 20% darker color. If you saturate the color by 10%, you get **9428D8**, and if you desaturate by 10%, it is **A454D8**.

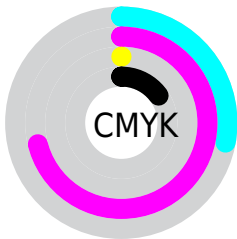
Distribution



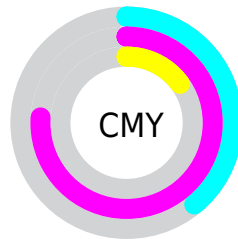
- Red (61%)
- Green (24%)
- Blue (85%)



- Red (61%)
- Yellow (24%)
- Blue (85%)



- Cyan (28%)
- Magenta (71%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (76%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3ED8 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 9C3ED8 by changing the saturation by 10% instead.

 9C3ED8

 9C3ED8

FFFFFF

 7F1FBC

 D775FF

 6300A0

 F591FF

 460085

 FFADFF

 27006B

 FFC9FF

 000052

 FFE6FF

 00023A

 000223

 00000A

 000000

 9C3ED8

 9C3ED8

 9428D8

 A454D8

 8B13D8

 AD69D8

 8400D8

 B57FD8

 BE94D8

 C6AAD8

 CEC0D8

 D7D5D8

 DFEBD8

 E8FFD8

Harmonies

Analogous

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



006BFF



9C3ED8



DC0095

Triad

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



9C3ED8



A35D00



008B94

Complementary

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



9C3ED8



7AD83E

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.



008945



9C3ED8



627600

Square

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



9C3ED8



D22B00



008300



008AD9

Rectangle

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



9C3ED8



E90063



008300



008B7A

Sweetspot

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



9C3ED8



EAC9FF



3E7CD8



736080



000000



808080

Same Dimension

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



9C3ED8



AA24FF



D83EC9



67606B



6800AB



1A002B

Inverse Universe

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



D83E7A



FF2479



3ED84D



6B6065



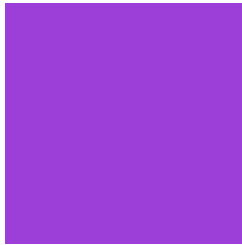
AB0043



2B0011

Previews

White Background



This preview shows how the Hex color 9C3ED8 looks on a white background.

Color Contrast Check

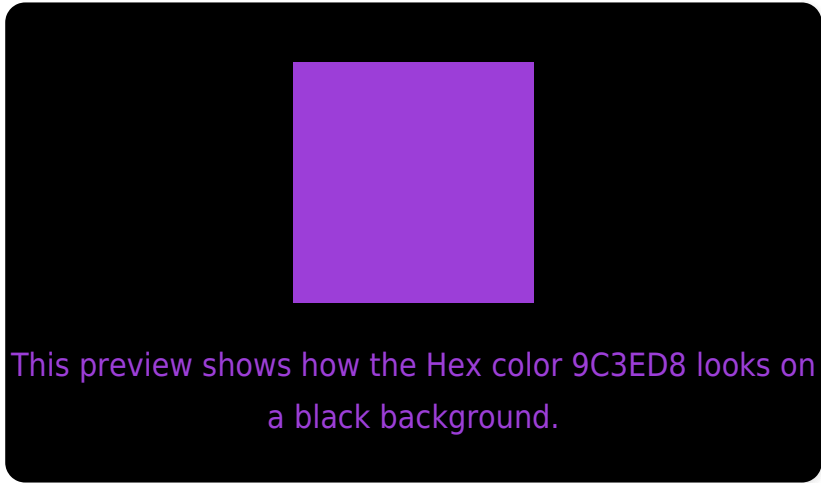
Large Text (above 18pt) WCAG AA ✓ Pass

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

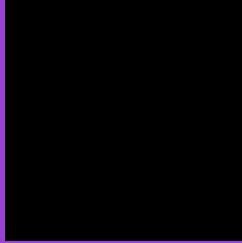
Any Text WCAG AA × Fail

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 9C3ED8 Background



This preview shows how black text looks on a background with the Hex color 9C3ED8.

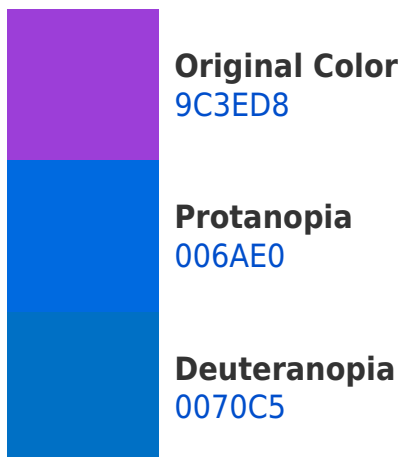


This preview shows how white text looks on a background with the Hex color 9C3ED8.

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](#).

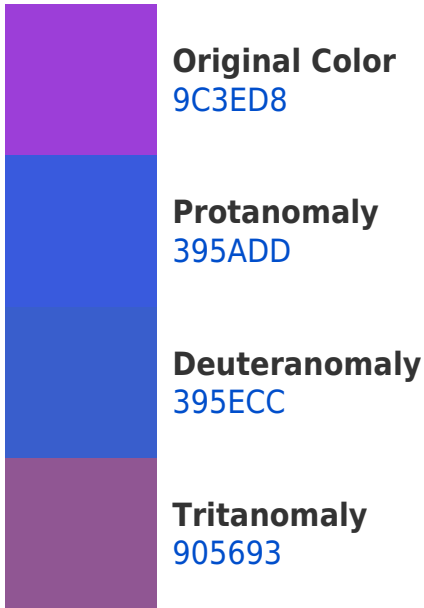
Dichromacy





Tritanopia
89636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3ED8 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 #9C3ED8 looks like.

```
.text, #text, p{  
    color:#9C3ED8  
}
```

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 #9C3ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3ED8
}
```

Border

The CSS property to change the border of an element to Hex 9C3ED8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

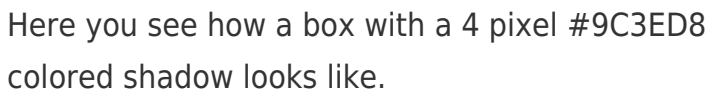
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3ED8 }
```

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

```
.border{ border-color:#9C3ED8 }
```

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



Here you see how a box with a 4 pixel #9C3ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3ED8; -webkit-box-shadow:4px 4px  
4px 4px #9C3ED8; box-shadow:4px 4px 4px  
4px #9C3ED8 }
```

Background

The CSS property to change the background color of an element to Hex 9C3ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3ED8 }
```

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

```
.background{ background-color:#9C3ED8 }
```

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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