

Converting Colors

Hex(9E21EA)

Have a look what the booklet for
Hex(9E21EA) contains.

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Color

Hex(9E21EA)

Conversions

Conversions Part 1

Format	Color
Hex	9E21EA
RGB	158, 33, 234
RGB Percent	62%, 13%, 92%
CMY	0.3804, 0.8706, 0.0824
CMYK	0.32, 0.86, 0.00, 0.08
HSL	277°, 83%, 52%
HSV	277°, 86%, 92%
XYZ	29.4957, 14.2973, 79.0470
YIQ	93.2890, 9.9790, 89.0110

Conversions

Conversions Part 2

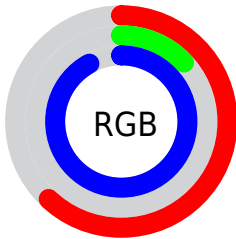
Format	Color
R_{YB}	158, 33, 234
Decimal	10363370
CIE _{Lab}	44.66, 77.06, -75.17
CIE _{LCh}	45, 107.655, 315.712
Yxy	14.2973, 0.2401, 0.1164
Android (android.graphics.Color)	4288553450 (0xFF9E21EA)
YUV	93.2890, 69.3705, 56.7515
Hunter-Lab	37.8118, 73.0711, -97.4797

Details

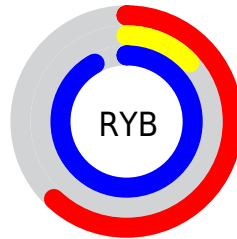
The Hex color **9E21EA** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **6DEA21**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DA62FF**, and **6200B1** is the 20% darker color. If you saturate the color by 10%, you get **950AEA**, and if you desaturate by 10%, it is **A738EA**.

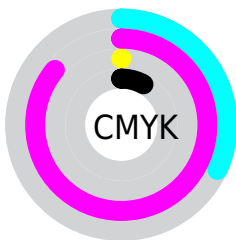
Distribution



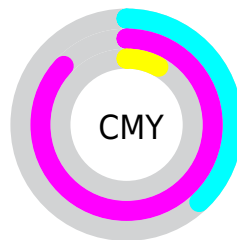
- Red (62%)
- Green (13%)
- Blue (92%)



- Red (62%)
- Yellow (13%)
- Blue (92%)



- Cyan (32%)
- Magenta (86%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (87%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E21EA 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 9E21EA by changing the saturation by 10% instead.

 9E21EA

 9E21EA

FFFFFF

 8000CD

 DA62FF

 6200B1

 F97FFF

 420095

 FF9BFF

 1E007B

 FFB8FF

 000061

 FFD6FF

 000048

 FFF3FF

 000430

 00011A

 000000

 9E21EA

 9E21EA

 950AEA

 A738EA

 9200EA

 B050EA

 B967EA

 C17FEA

 CA96EA

 D3ADEA

 DCC5EA

 E5DCEA

 EEF4EA

Harmonies

Analogous

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



0068FF



9E21EA



EB0098

Triad

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



9E21EA



A45600



008A99

Complementary

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



9E21EA



6DEA21

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.



008739



9E21EA



547400

Square

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



9E21EA



DD0000



008200



008AEC

Rectangle

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



9E21EA



FA005E



008200



008979

Sweetspot

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



9E21EA



E6BDFE



216EEA



715880



000000



808080

Same Dimension

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



9E21EA



9F00FF



EA21D3



716A75



7100B5



210036

Inverse Universe

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



EA216D



FF0060



21EA38



756A6E



B50044



360014

Previews

White Background



This preview shows how the Hex color 9E21EA 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

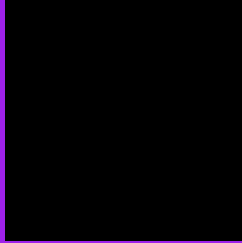
Any Text WCAG AA × Fail

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 9E21EA Background



This preview shows how black text looks on a background with the Hex color 9E21EA.

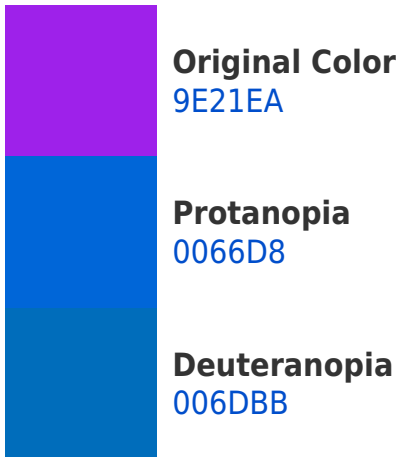


This preview shows how white text looks on a background with the Hex color 9E21EA.

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
865F66

Trichromacy



Original Color
9E21EA



Protanomaly
394DDF



Deuteranomaly
3951CC



Tritanomaly
8F4896

Monochromacy



Original Color
9E21EA



Achromatopsia
5D5D5D



Achromatomaly
754790

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E21EA 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 #9E21EA looks like.

```
.text, #text, p{  
    color:#9E21EA  
}
```

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 #9E21EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E21EA
}
```

Border

The CSS property to change the border of an element to Hex 9E21EA 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".

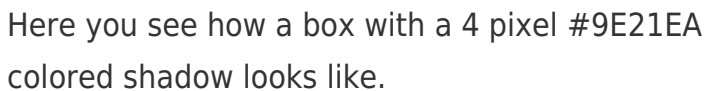
```
.border, #border, table{ border:4px solid
#9E21EA }
```

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

```
.border{ border-color:#9E21EA }
```

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

Here you see how a box with a 4 pixel #9E21EA colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E21EA; -webkit-box-shadow:4px 4px  
4px 4px #9E21EA; box-shadow:4px 4px 4px  
4px #9E21EA }
```

Background

The CSS property to change the background color of an element to Hex 9E21EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E21EA }
```

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

```
.background{ background-color:#9E21EA }
```

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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