

Converting Colors

Hex(9B30E3)

Have a look what the booklet for
Hex(9B30E3) contains.

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Color

Hex(9B30E3)

Conversions

Conversions Part 1

Format	Color
Hex	9B30E3
RGB	155, 48, 227
RGB Percent	61%, 19%, 89%
CMY	0.3922, 0.8118, 0.1098
CMYK	0.32, 0.79, 0.00, 0.11
HSL	276°, 76%, 54%
HSV	276°, 79%, 89%
XYZ	28.4396, 14.6285, 73.9977
YIQ	100.3990, 6.3130, 78.3530

Conversions

Conversions Part 2

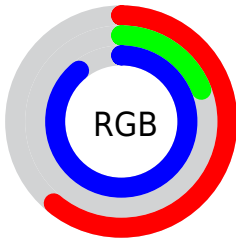
Format	Color
R_{YB}	155, 48, 227
Decimal	10170595
CIE _{Lab}	45.12, 70.97, -70.46
CIE _{LCh}	45, 100.007, 315.208
Yxy	14.6285, 0.2429, 0.1250
Android (android.graphics.Color)	4288360675 (0xFF9B30E3)
YUV	100.3990, 62.4143, 47.8851
Hunter-Lab	38.2472, 65.7952, -87.9365

Details

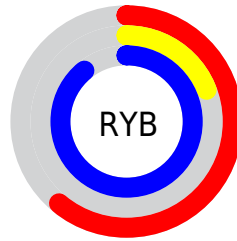
The Hex color **9B30E3** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **78E330**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D76BFF**, and **6000AA** is the 20% darker color. If you saturate the color by 10%, you get **9219E3**, and if you desaturate by 10%, it is **A447E3**.

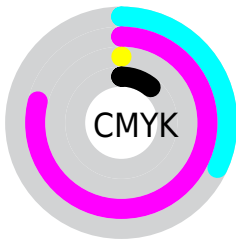
Distribution



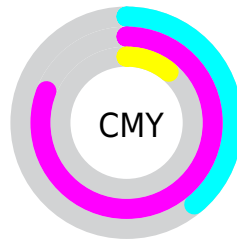
- Red (61%)
- Green (19%)
- Blue (89%)



- Red (61%)
- Yellow (19%)
- Blue (89%)



- Cyan (32%)
- Magenta (79%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (81%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B30E3 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 9B30E3 by changing the saturation by 10% instead.

 9B30E3

 9B30E3

FFFFFF

 7E03C6

 D76BFF

 6000AA

 F587FF

 41008F

 FFA3FF

 1E0074

 FFC0FF

 00005B

 FFDDFF

 000242

 FFFAFF

 00032B

 000115

 000000

 9B30E3

 9B30E3

 9219E3

 A447E3

 8903E3

 AD5DE3

 8800E3

 B674E3

 C08BE3

 C9A1E3

 D2B8E3

 DBCFE3

 E4E6E3

 EDFCE3

Harmonies

Analogous

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



0069FF



9B30E3



E40098

Triad

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



9B30E3



A45800



008A95

Complementary

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



9B30E3



78E330

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.



00873C



9B30E3



5B7400

Square

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



9B30E3



D80100



008200



008AE2

Rectangle

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



9B30E3



F30061



008200



008978

Sweetspot

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



9B30E3



E6C2FF



307BE3



715B80



000000



808080

Same Dimension

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



9B30E3



9E0DFF



E330D4



6E6773



6B00B3



1E0033

Inverse Universe

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



E33078



FF0D6E



30E33F



73676C



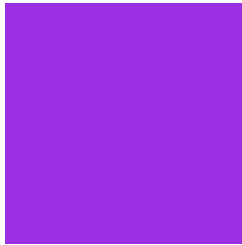
B30048



330015

Previews

White Background



This preview shows how the Hex color 9B30E3 looks on a white background.

Color Contrast Check

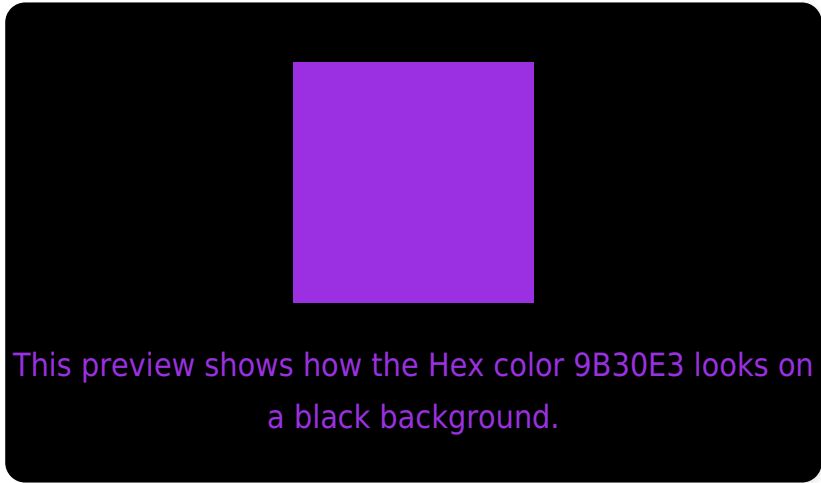
Large Text (above 18pt) WCAG AA ✓ Pass

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

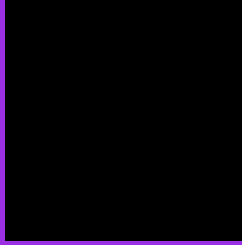
Any Text WCAG AA × Fail

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 9B30E3 Background



This preview shows how black text looks on a background with the Hex color 9B30E3.

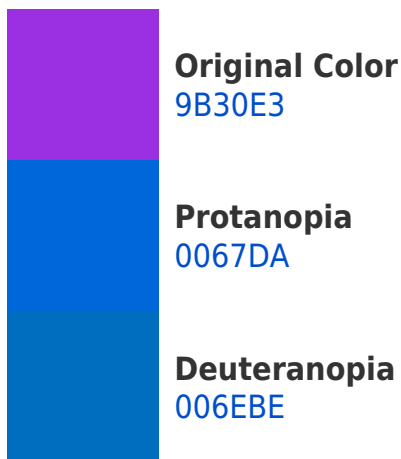


This preview shows how white text looks on a background with the Hex color 9B30E3.

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](#).

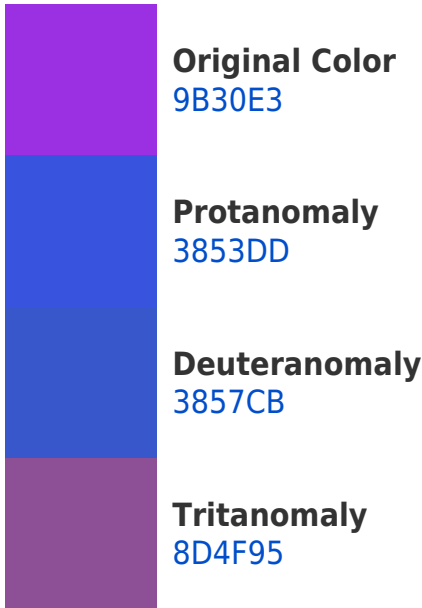
Dichromacy



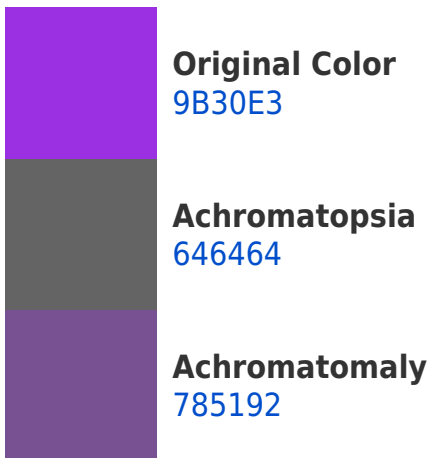


Tritanopia
856169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B30E3 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 #9B30E3 looks like.

```
.text, #text, p{  
  color:#9B30E3  
}
```

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 #9B30E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B30E3
}
```

Border

The CSS property to change the border of an element to Hex 9B30E3 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".

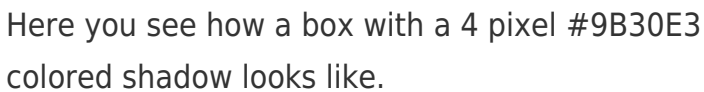
```
.border, #border, table{ border:4px solid
#9B30E3 }
```

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

```
.border{ border-color:#9B30E3 }
```

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

Here you see how a box with a 4 pixel #9B30E3 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B30E3; -webkit-box-shadow:4px 4px  
4px 4px #9B30E3; box-shadow:4px 4px 4px  
4px #9B30E3 }
```

Background

The CSS property to change the background color of an element to Hex 9B30E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B30E3 }
```

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

```
.background{ background-color:#9B30E3 }
```

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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