

Converting Colors

Hex(9D4BEE)

Have a look what the booklet for
Hex(9D4BEE) contains.

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Color

Hex(9D4BEE)

Conversions

Conversions Part 1

Format	Color
Hex	9D4BEE
RGB	157, 75, 238
RGB Percent	62%, 29%, 93%
CMY	0.3843, 0.7059, 0.0667
CMYK	0.34, 0.68, 0.00, 0.07
HSL	270°, 83%, 61%
HSV	270°, 68%, 93%
XYZ	31.8533, 18.3733, 82.7565
YIQ	118.1000, -3.4510, 68.0770

Conversions

Conversions Part 2

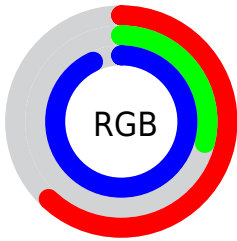
Format	Color
R _Y B	157, 75, 238
Decimal	10308590
CIE Lab	49.95, 63.05, -68.82
CIE LCh	50, 93.338, 312.496
Yxy	18.3733, 0.2395, 0.1382
Android (android.graphics.Color)	4288498670 (0xFF9D4BEE)
YUV	118.1000, 59.1107, 34.1153
Hunter-Lab	42.8641, 57.6354, -84.4646

Details

The Hex color **9D4BEE** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **9CEE4B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D881FF**, and **620CB5** is the 20% darker color. If you saturate the color by 10%, you get **9133EE**, and if you desaturate by 10%, it is **A963EE**.

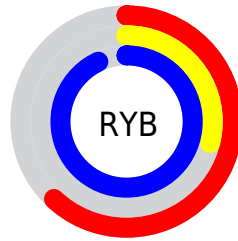
Distribution



Red (62%)

Green (29%)

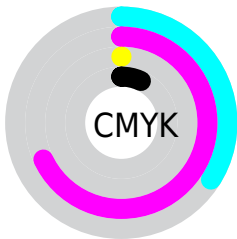
Blue (93%)



Red (62%)

Yellow (29%)

Blue (93%)

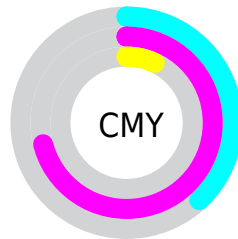


Cyan (34%)

Magenta (68%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (71%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D4BEE 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 9D4BEE by changing the saturation by 10% instead.

 9D4BEE

 9D4BEE

FFFFFF

 802FD1

 D881FF

 620CB5

 F69DFF

 440099

 FFB9FF

 21007F

 FFD6FF

 000065

 FFF3FF

 00004C


 000434

 00021E

 000000

 9D4BEE

 9D4BEE

 9133EE

 A963EE

 851BEE

 B57BEE

 7A04EE

 C092EE

 7800EE

 CCAAEE

 D8C2EE

 E4DAEE

 F0F2EE

 FCFEE

 FFFFEE

Harmonies

Analogous

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



0077FF



9D4BEE



E800A9

Triad

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



9D4BEE



B66100



009697

Complementary

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



9D4BEE



9CEE4B

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.



009343



9D4BEE



737E00

Square

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



9D4BEE



E62800



008D00



0095E2

Rectangle

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



9D4BEE



FA0074



008D00



00957C

Sweetspot

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



9D4BEE



E4C9FF



4B9DEE



706080



000000



808080

Same Dimension

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



9D4BEE



972EFF



EE4BEE



726C78



5C00B8



1C0038

Inverse Universe

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



EE4B9C



FF2E96



4BEE4B



786C72



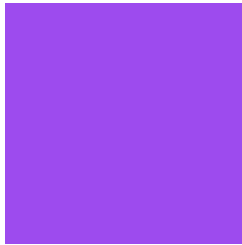
B8005B



38001C

Previews

White Background



This preview shows how the Hex color 9D4BEE looks on a white background.

Color Contrast Check

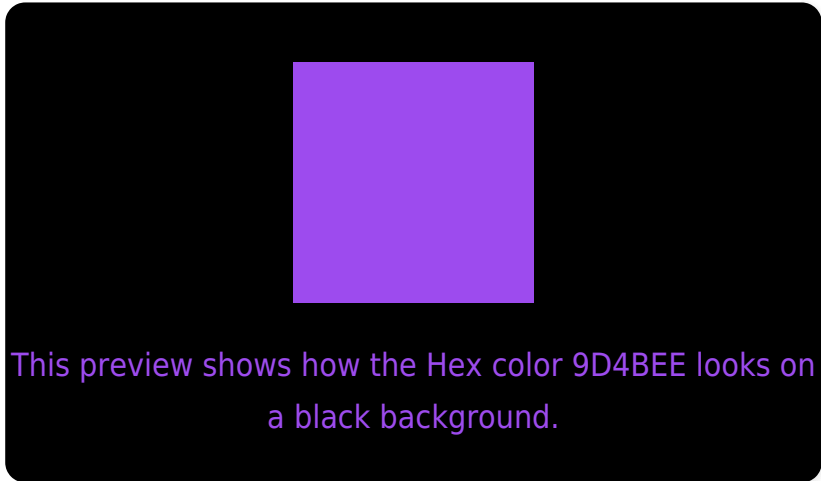
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

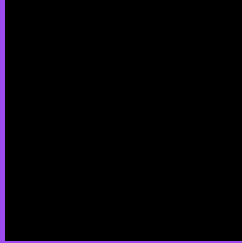
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9D4BEE Background



This preview shows how black text looks on a background with the Hex color 9D4BEE.

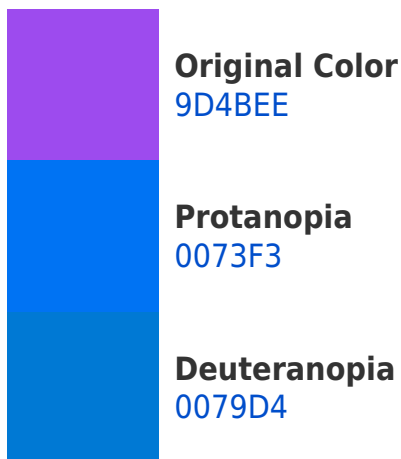


This preview shows how white text looks on a background with the Hex color 9D4BEE.

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
86717A

Trichromacy



Original Color
9D4BEE



Protanomaly
3964F1



Deuteranomaly
3968DD



Tritanomaly
8E63A4

Monochromacy



Original Color
9D4BEE



Achromatopsia
767676



Achromatomaly
8466A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D4BEE 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 #9D4BEE looks like.

```
.text, #text, p{  
  color:#9D4BEE  
}
```

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 #9D4BEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4BEE
}
```

Border

The CSS property to change the border of an element to Hex 9D4BEE 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
#9D4BEE }
```

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

```
.border{ border-color:#9D4BEE }
```

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

Here you see how a box with a 4 pixel #9D4BEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4BEE; -webkit-box-shadow:4px 4px  
4px 4px #9D4BEE; box-shadow:4px 4px 4px  
4px #9D4BEE }
```

Background

The CSS property to change the background color of an element to Hex 9D4BEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4BEE }
```

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

```
.background{ background-color:#9D4BEE }
```

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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