

# Converting Colors

Hex(9A4DD6)

Have a look what the booklet for  
Hex(9A4DD6) contains.

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# Color

**Hex(9A4DD6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4DD6
RGB	154, 77, 214
RGB Percent	60%, 30%, 84%
CMY	0.3961, 0.6980, 0.1608
CMYK	0.28, 0.64, 0.00, 0.16
HSL	274°, 63%, 57%
HSV	274°, 64%, 84%
XYZ	28.1179, 17.0328, 65.4240
YIQ	115.6410, 1.9150, 58.9310

# Conversions

## Conversions Part 2

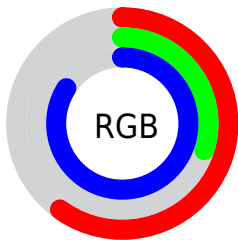
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 77, 214
Decimal	10112470
CIE <sub>Lab</sub>	48.30, 56.00, -57.90
CIE <sub>LCh</sub>	48, 80.552, 314.042
Yxy	17.0328, 0.2543, 0.1540
Android (android.graphics.Color)	4288302550 (0xFF9A4DD6)
YUV	115.6410, 48.4910, 33.6408
Hunter-Lab	41.2708, 49.3884, -65.0991

# Details

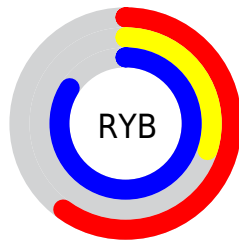
The Hex color **9A4DD6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **89D64D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D482FF**, and **62149E** is the 20% darker color. If you saturate the color by 10%, you get **9138D6**, and if you desaturate by 10%, it is **A362D6**.

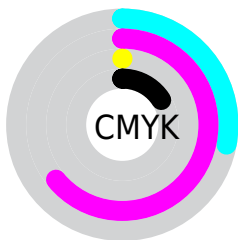
# Distribution



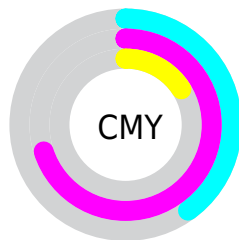
- Red (60%)
- Green (30%)
- Blue (84%)



- Red (60%)
- Yellow (30%)
- Blue (84%)



- Cyan (28%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (70%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4DD6 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 9A4DD6 by changing the saturation by 10% instead.



9A4DD6

9A4DD6

FFFFFF

7E32BA

D482FF

62149E

F29EFF

450084

FFB9FF

28006A

FFD6FF

060051

FFF3FF

000138

000222

000008

000000

 9A4DD6

 9A4DD6

 9138D6

 A362D6

 8722D6

 AD78D6

 7E0DD6

 B68DD6

 7800D6

 BFA3D6

 C9B8D6

 D2CDD6

 DCE3D6

 E5F8D6

 EEFFD6

# Harmonies

## Analogous

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



0071F9



9A4DD6



D70E9A

# Triad

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



9A4DD6



A96200



008F92

# Complementary

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



9A4DD6



89D64D

# 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.



008D4A



9A4DD6



6F7A00

# Square

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



9A4DD6



D33B0F



008700



008DD1

# Rectangle

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



9A4DD6



E5006D



008700



008E7A



# Sweetspot

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



9A4DD6



EACFFF



4D8BD6



736280



000000



808080



# Same Dimension

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



9A4DD6



A93BFF



D64DCF



66606B



6000AB



18002B



# Inverse Universe

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



D64D89



FF3B91



4DD654



6B6065



AB004B

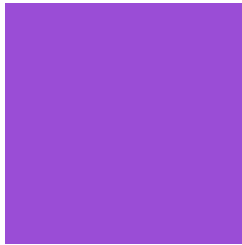


2B0013



# Previews

## White Background



This preview shows how the Hex color 9A4DD6 looks on a white background.

## Color Contrast Check

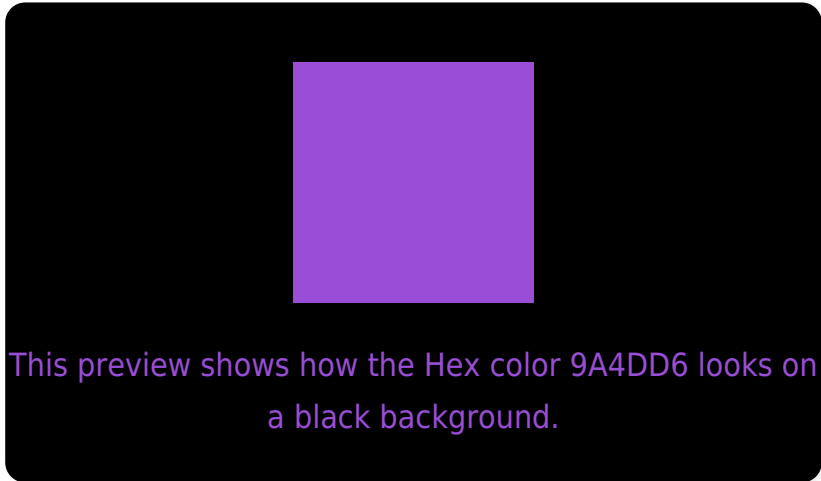
Large Text (above 18pt) WCAG AA ✓ Pass

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

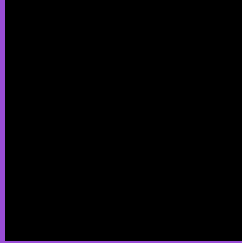
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A4DD6 Background



This preview shows how black text looks on a background with the Hex color 9A4DD6.

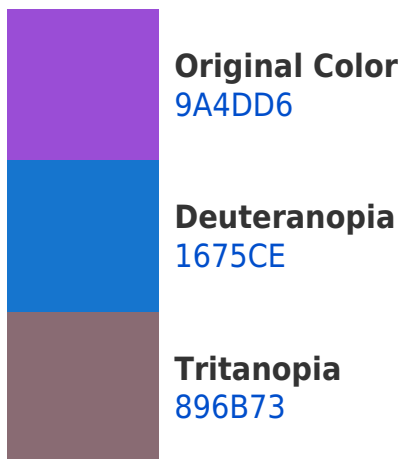


This preview shows how white text looks on a background with the Hex color 9A4DD6.

# 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**

9A4DD6



**Deuteranomaly**

4666D1



**Tritanomaly**

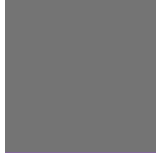
8F6097

# Monochromacy



**Original Color**

9A4DD6



**Achromatopsia**

747474



**Achromatomaly**

826698

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4DD6 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 #9A4DD6 looks like.

```
.text, #text, p{  
    color:#9A4DD6  
}
```

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 #9A4DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4DD6
}
```

## Border

The CSS property to change the border of an element to Hex 9A4DD6 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
#9A4DD6 }
```

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

```
.border{ border-color:#9A4DD6 }
```

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

Here you see how a box with a 4 pixel #9A4DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4DD6; -webkit-box-shadow:4px 4px  
4px 4px #9A4DD6; box-shadow:4px 4px 4px  
4px #9A4DD6 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4DD6 }
```

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

```
.background{ background-color:#9A4DD6 }
```

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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