

# Converting Colors

Hex(9A1FD6)

Have a look what the booklet for  
Hex(9A1FD6) contains.

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**Color**

**Hex(9A1FD6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A1FD6
RGB	154, 31, 214
RGB Percent	60%, 12%, 84%
CMY	0.3961, 0.8784, 0.1608
CMYK	0.28, 0.86, 0.00, 0.16
HSL	280°, 75%, 48%
HSV	280°, 86%, 84%
XYZ	25.9540, 12.7050, 64.7027
YIQ	88.6390, 14.5650, 82.9890

# Conversions

## Conversions Part 2

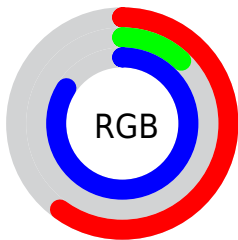
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 31, 214
Decimal	10100694
CIELab	42.32, 73.02, -67.60
CIElCh	42, 99.511, 317.208
Yxy	12.7050, 0.2511, 0.1229
Android (android.graphics.Color)	4288290774 (0xFF9A1FD6)
YUV	88.6390, 61.8030, 57.3216
Hunter-Lab	35.6441, 67.5963, -82.6748

# Details

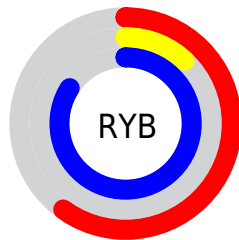
The Hex color **9A1FD6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **5BD61F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D55FFF**, and **5F009E** is the 20% darker color. If you saturate the color by 10%, you get **930AD6**, and if you desaturate by 10%, it is **A134D6**.

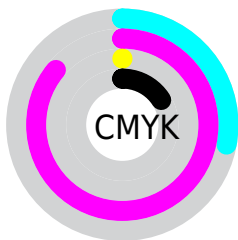
# Distribution



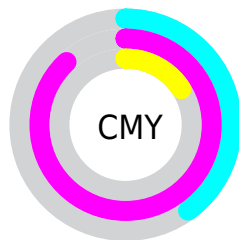
- Red (60%)
- Green (12%)
- Blue (84%)



- Red (60%)
- Yellow (12%)
- Blue (84%)



- Cyan (28%)
- Magenta (86%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (88%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A1FD6 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 9A1FD6 by changing the saturation by 10% instead.



9A1FD6

9A1FD6

FFFFFF

7D00BA

D55FFF

5F009E

F47CFF

410083

FF98FF

220069

FFB5FF

000050

FFD2FF

000538

FFEFFF

000221

000006

000000

 9A1FD6

 9A1FD6

 930AD6

 A134D6

 9000D6

 A84AD6

 AF5FD6

 B675D6

 BD8AD6

 C49FD6

 CBB5D6

 D2CAD6

 D9E0D6

# Harmonies

## Analogous

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



0060FF



9A1FD6



DD008B

# Triad

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



9A1FD6



975400



008293

# Complementary

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



9A1FD6



5BD61F

# 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.



007F3C



9A1FD6



4D6F00

# Square

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



9A1FD6



CC0000



007B00



0082DE

# Rectangle

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



9A1FD6



E90055



007B00



008177



# Sweetspot

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



9A1FD6



E9BDFE



1F5CD6



735880



000000



808080



# Same Dimension

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



9A1FD6



AB00FF



D61FB7



68606B



7300AB



1D002B



# Inverse Universe

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



D61F5B



FF0054



1FD63D



6B6064



AB0038



2B000E



# Previews

## White Background



This preview shows how the Hex color 9A1FD6 looks on a white background.

## Color Contrast Check

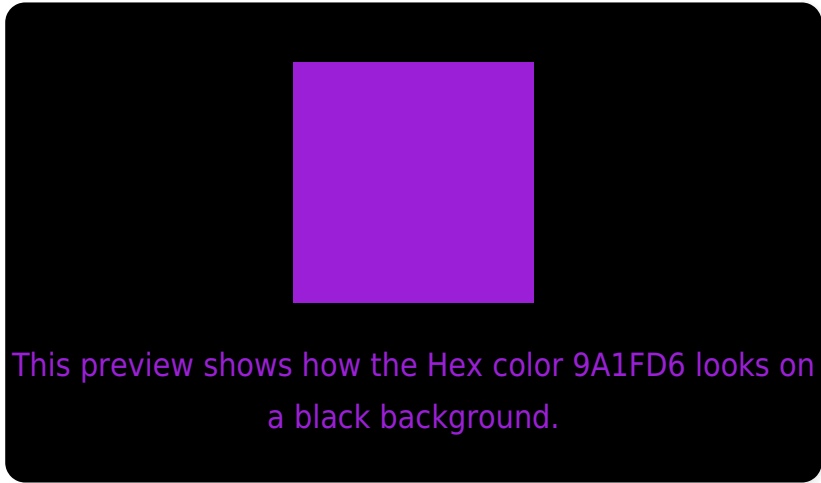
Large Text (above 18pt) WCAG AA ✓ Pass

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

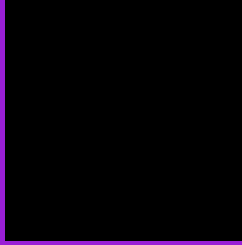
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A1FD6 Background



This preview shows how black text looks on a background with the Hex color 9A1FD6.

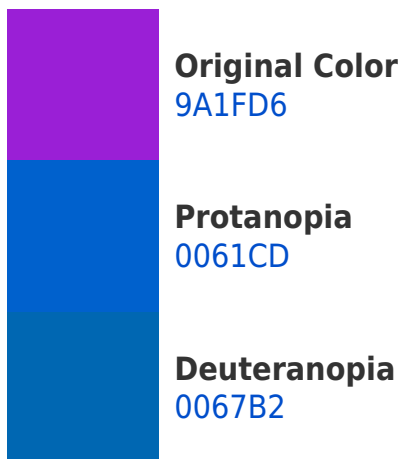


This preview shows how white text looks on a background with the Hex color 9A1FD6.

# 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](#).

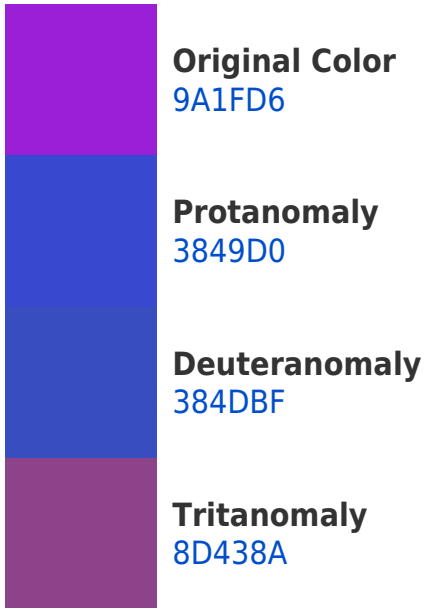
## Dichromacy



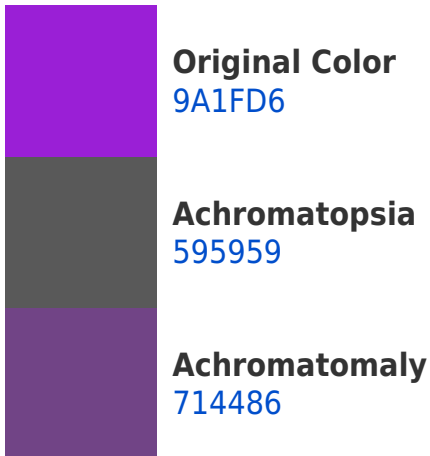


**Tritanopia**  
86575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A1FD6 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 #9A1FD6 looks like.

```
.text, #text, p{  
    color:#9A1FD6  
}
```

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 #9A1FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A1FD6
}
```

## Border

The CSS property to change the border of an element to Hex 9A1FD6 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".

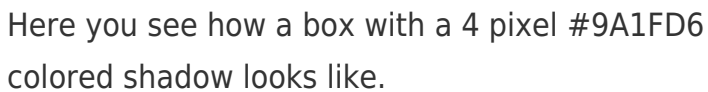
```
.border, #border, table{ border:4px solid
#9A1FD6 }
```

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

```
.border{ border-color:#9A1FD6 }
```

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

Here you see how a box with a 4 pixel #9A1FD6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A1FD6; -webkit-box-shadow:4px 4px  
4px 4px #9A1FD6; box-shadow:4px 4px 4px  
4px #9A1FD6 }
```

# Background

The CSS property to change the background color of an element to Hex 9A1FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A1FD6 }
```

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

```
.background{ background-color:#9A1FD6 }
```

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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